

Fig.1



Fig.2

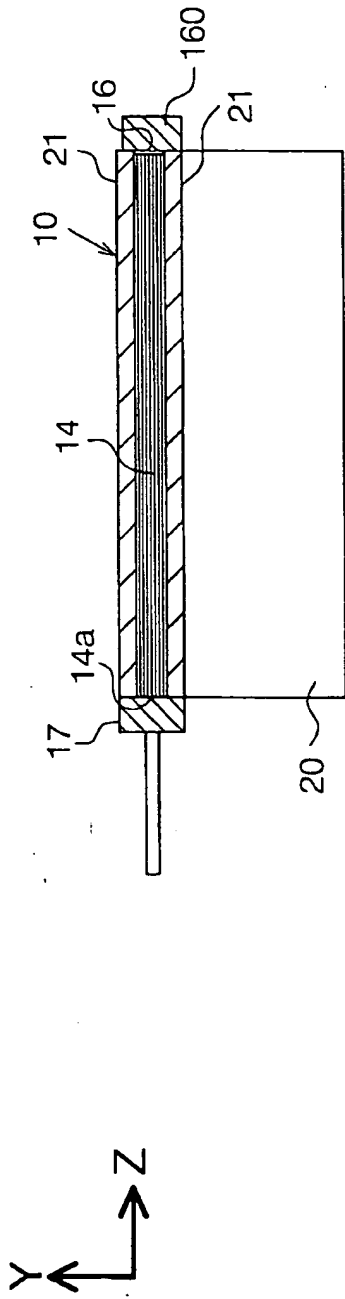


Fig.3

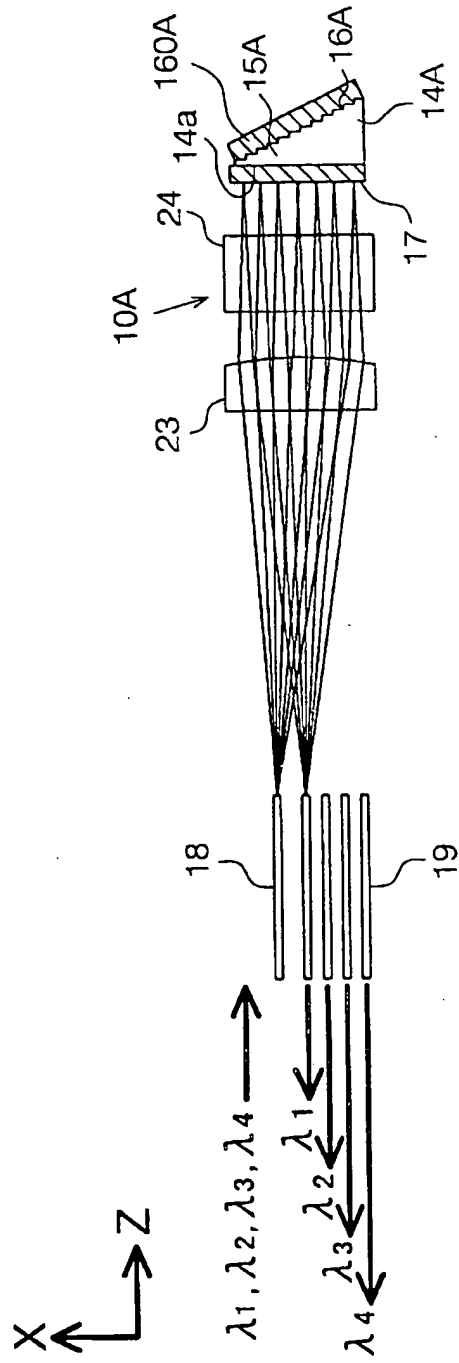


Fig.4

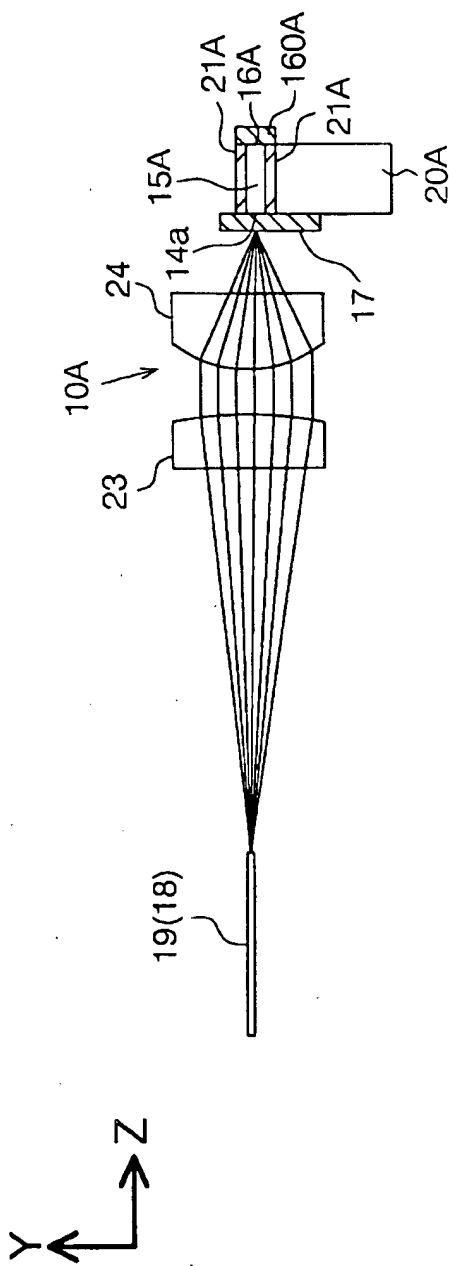


Fig.5

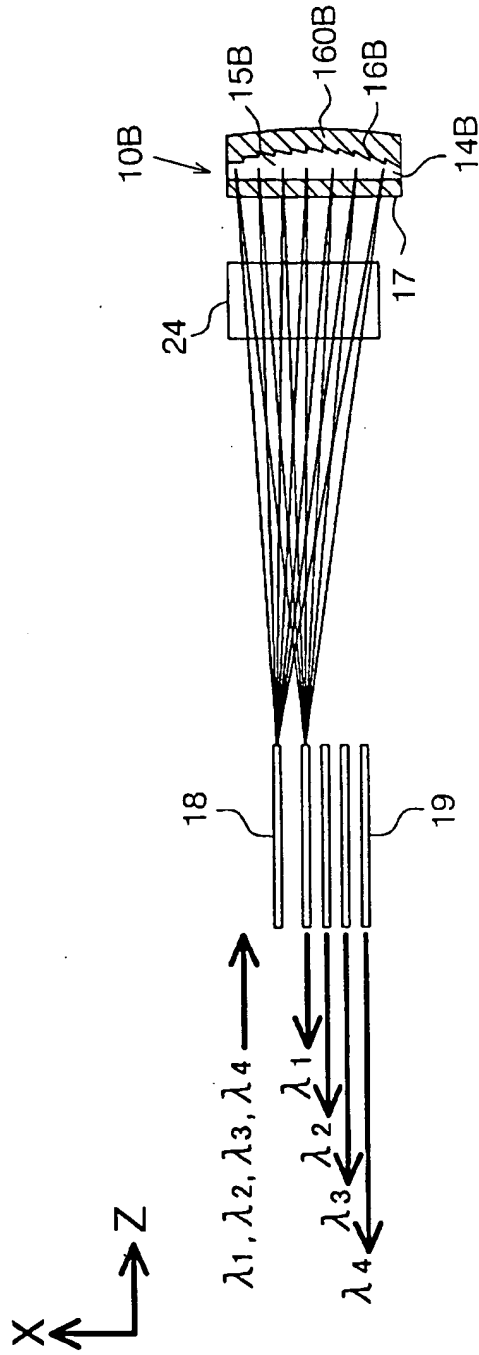


Fig.6

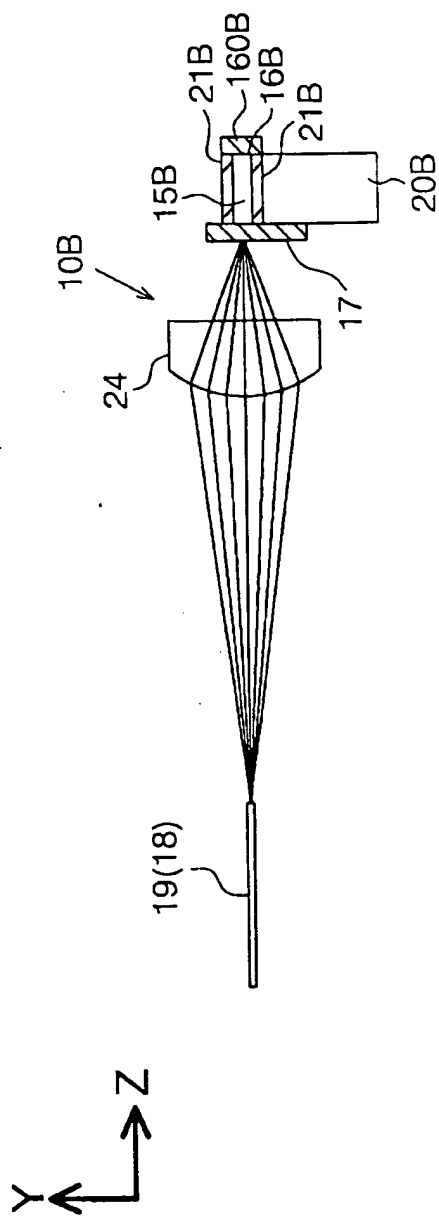


Fig.7

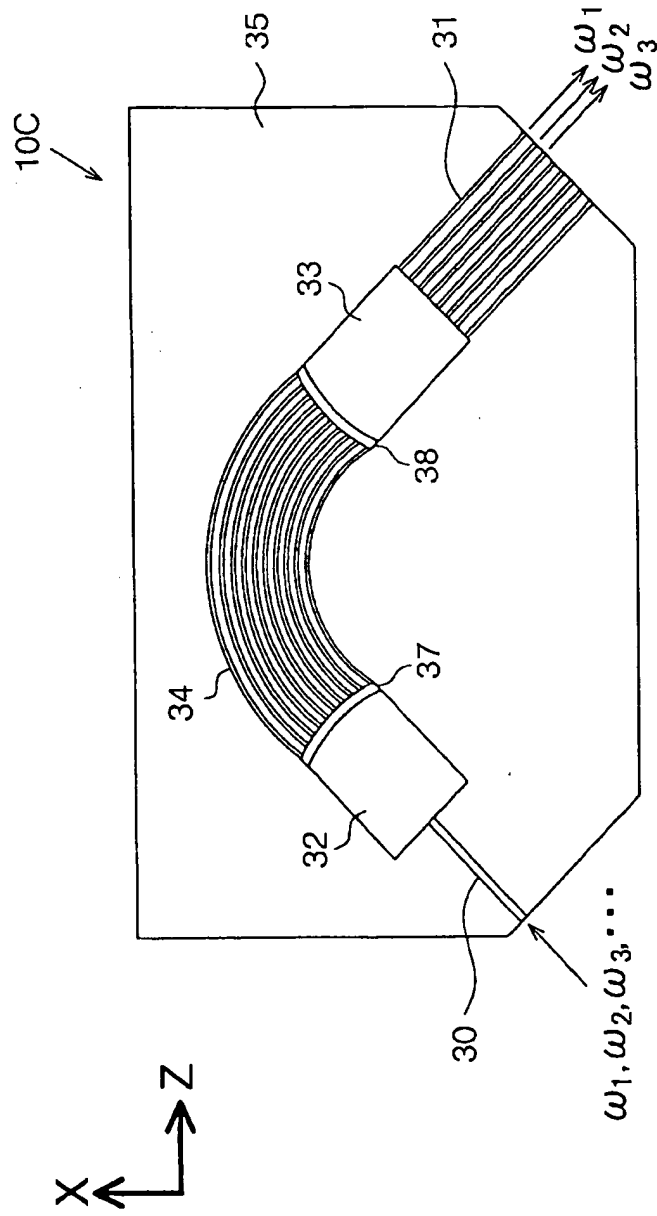


Fig.8

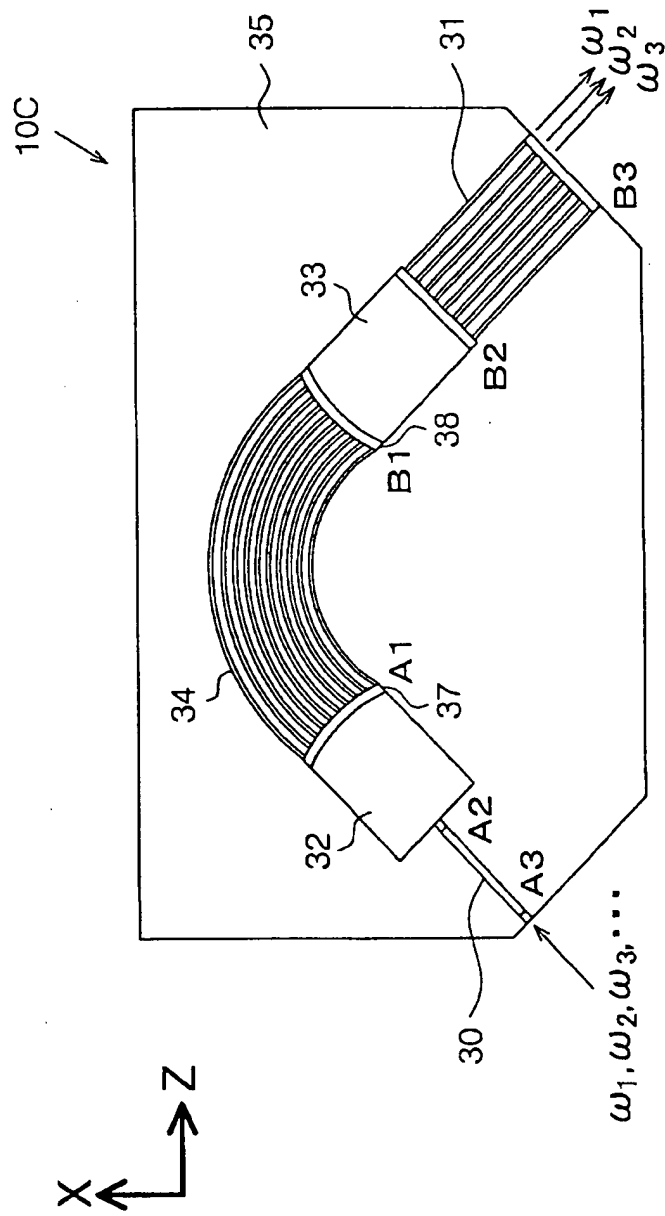


Fig. 9

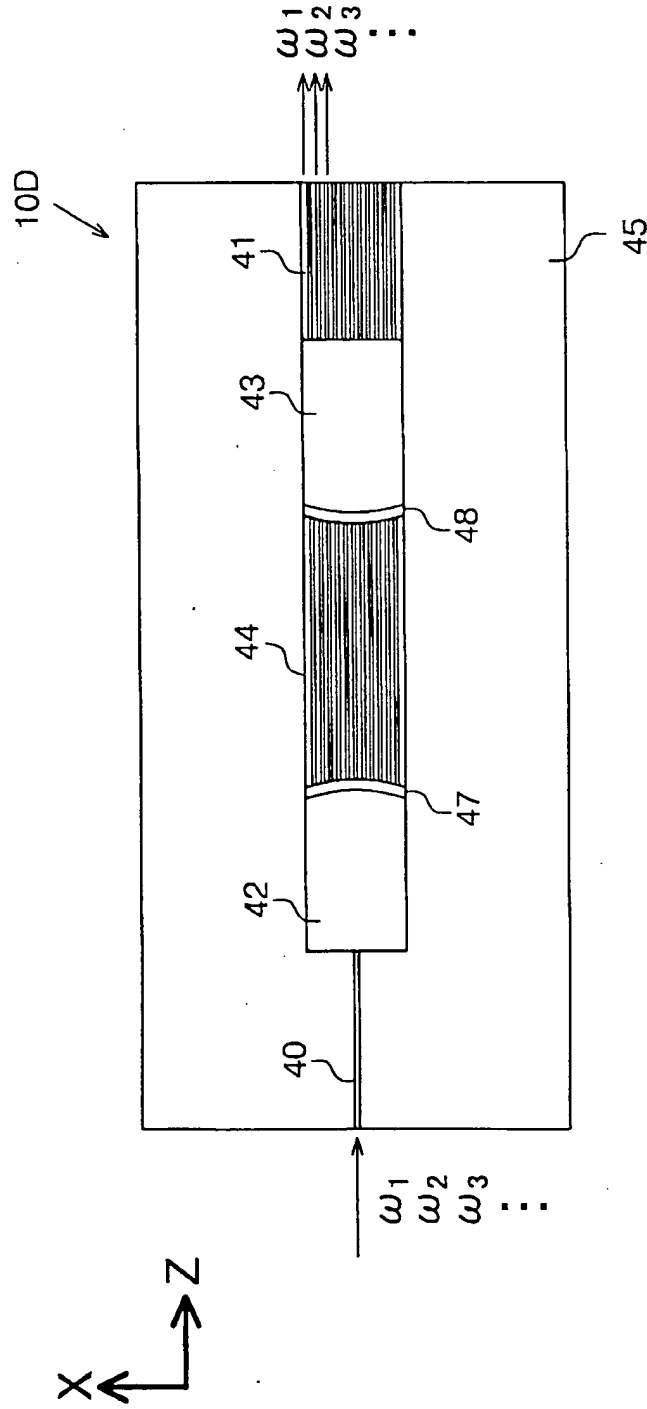


Fig.10

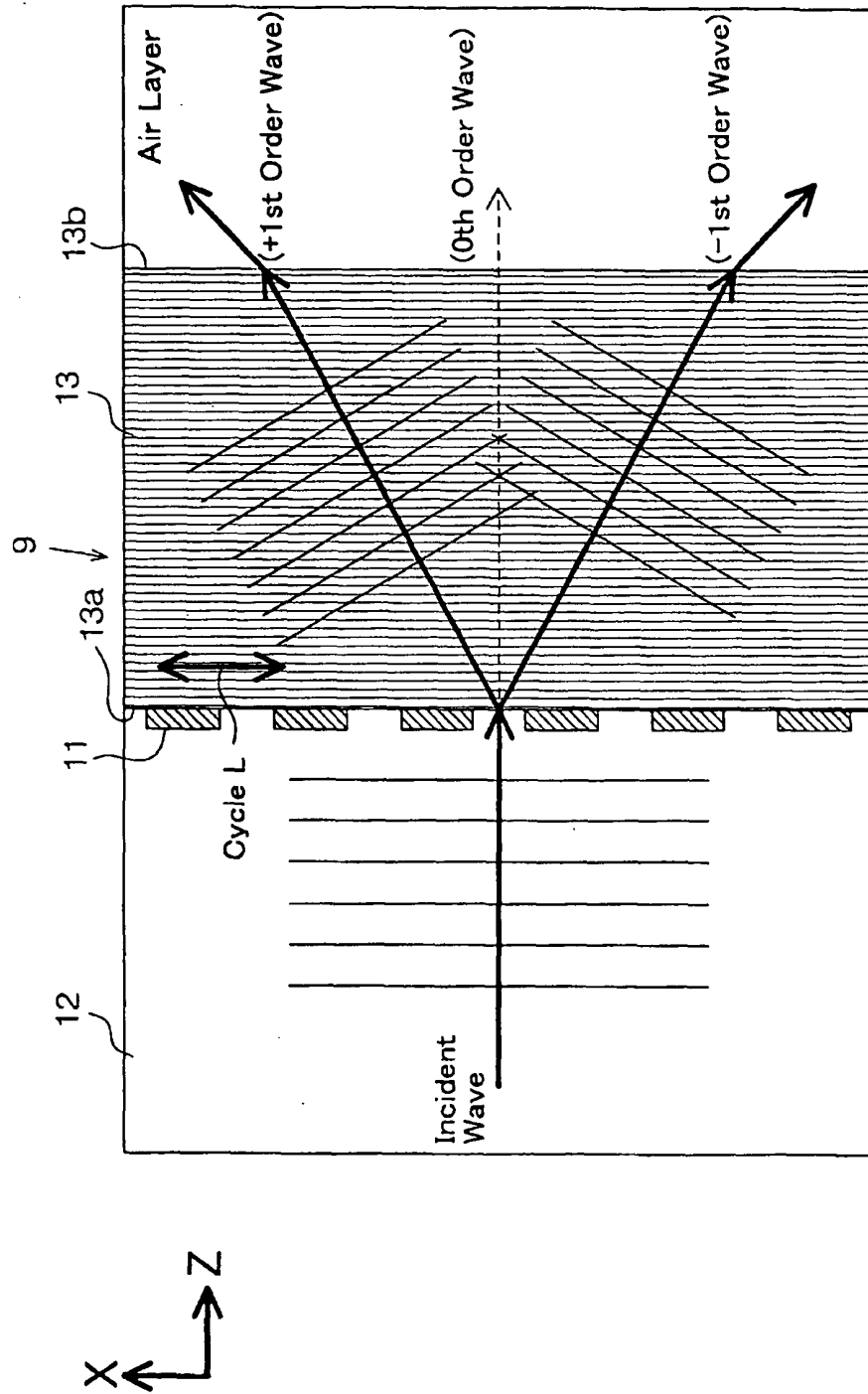


Fig.11

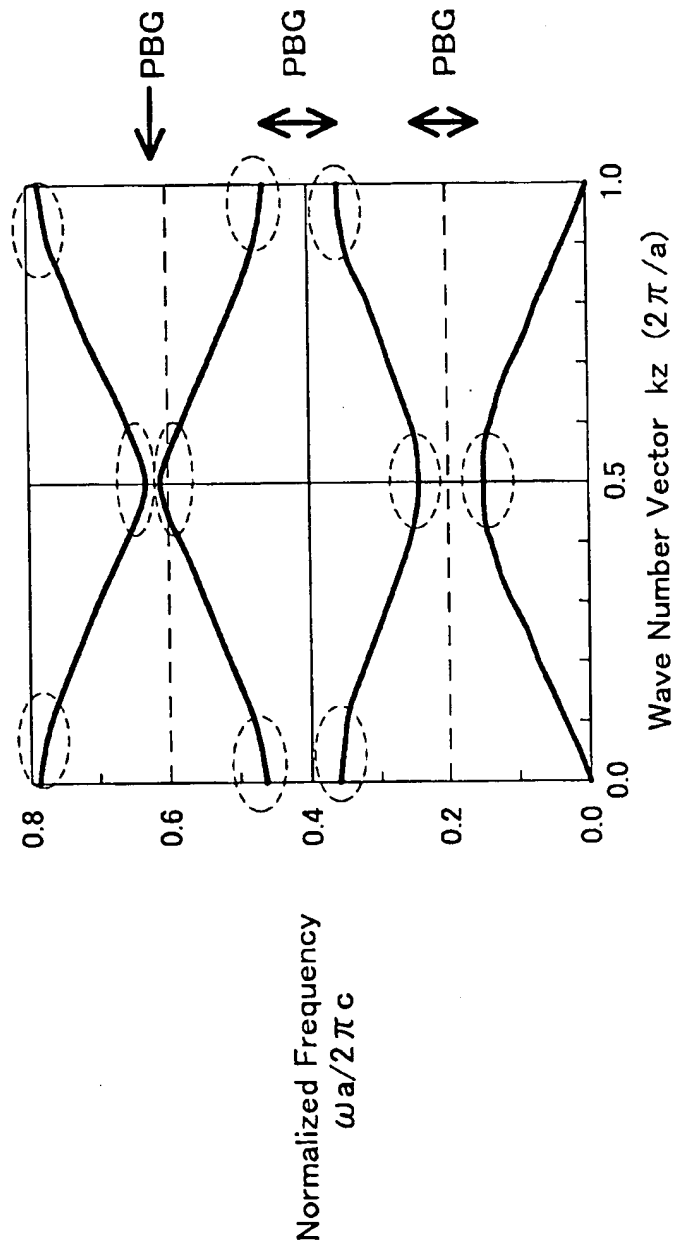


Fig.12

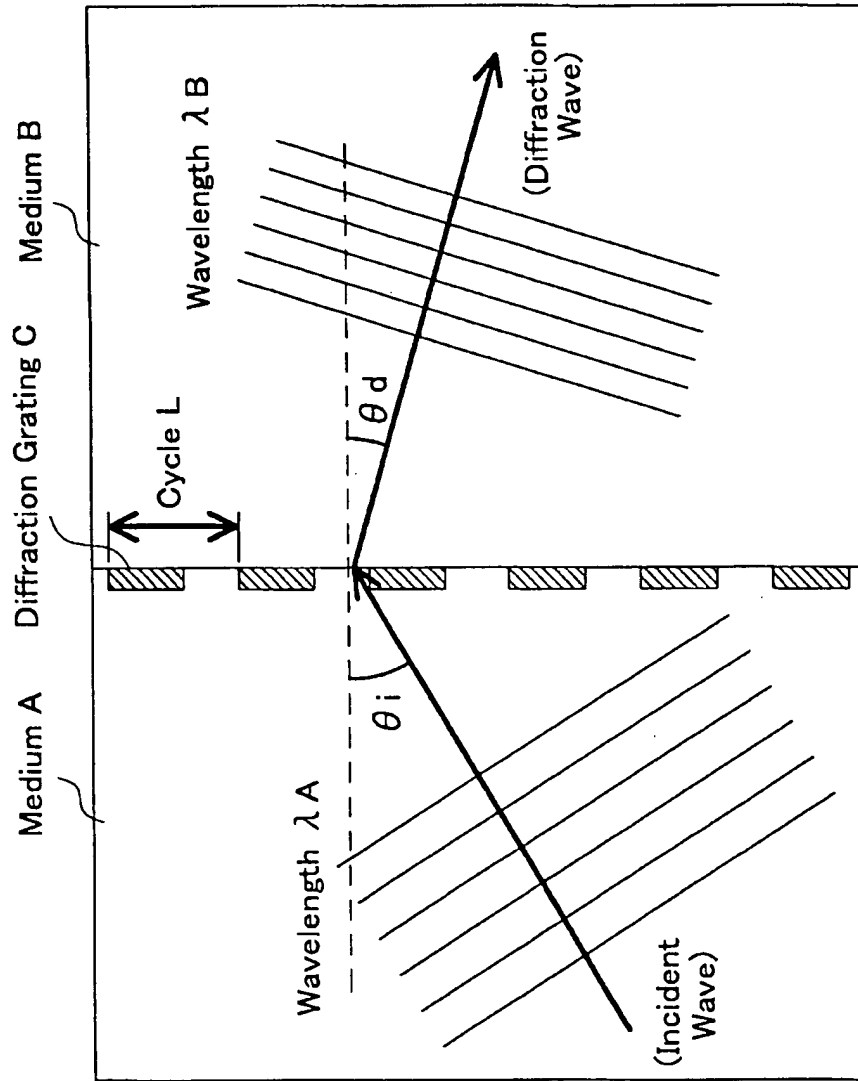


Fig.13

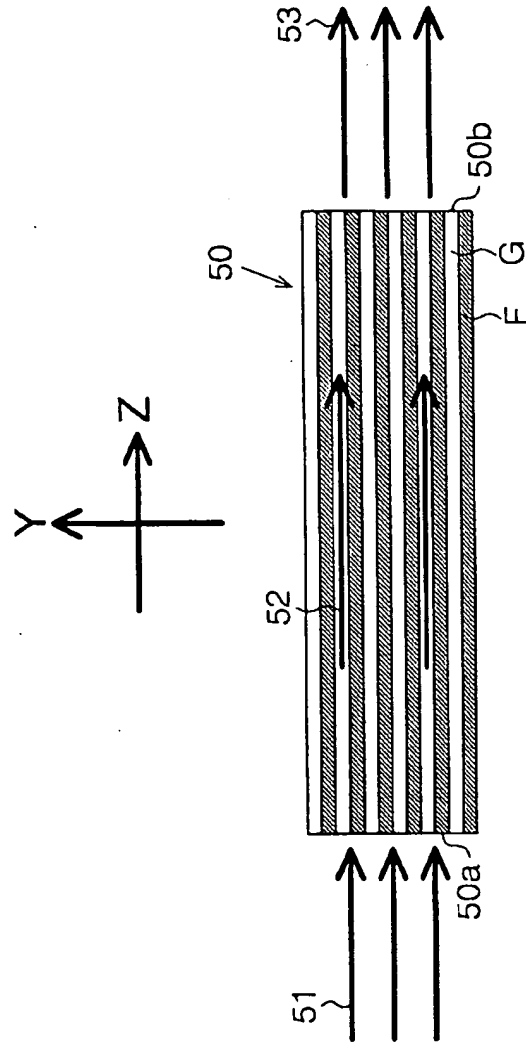


Fig. 14

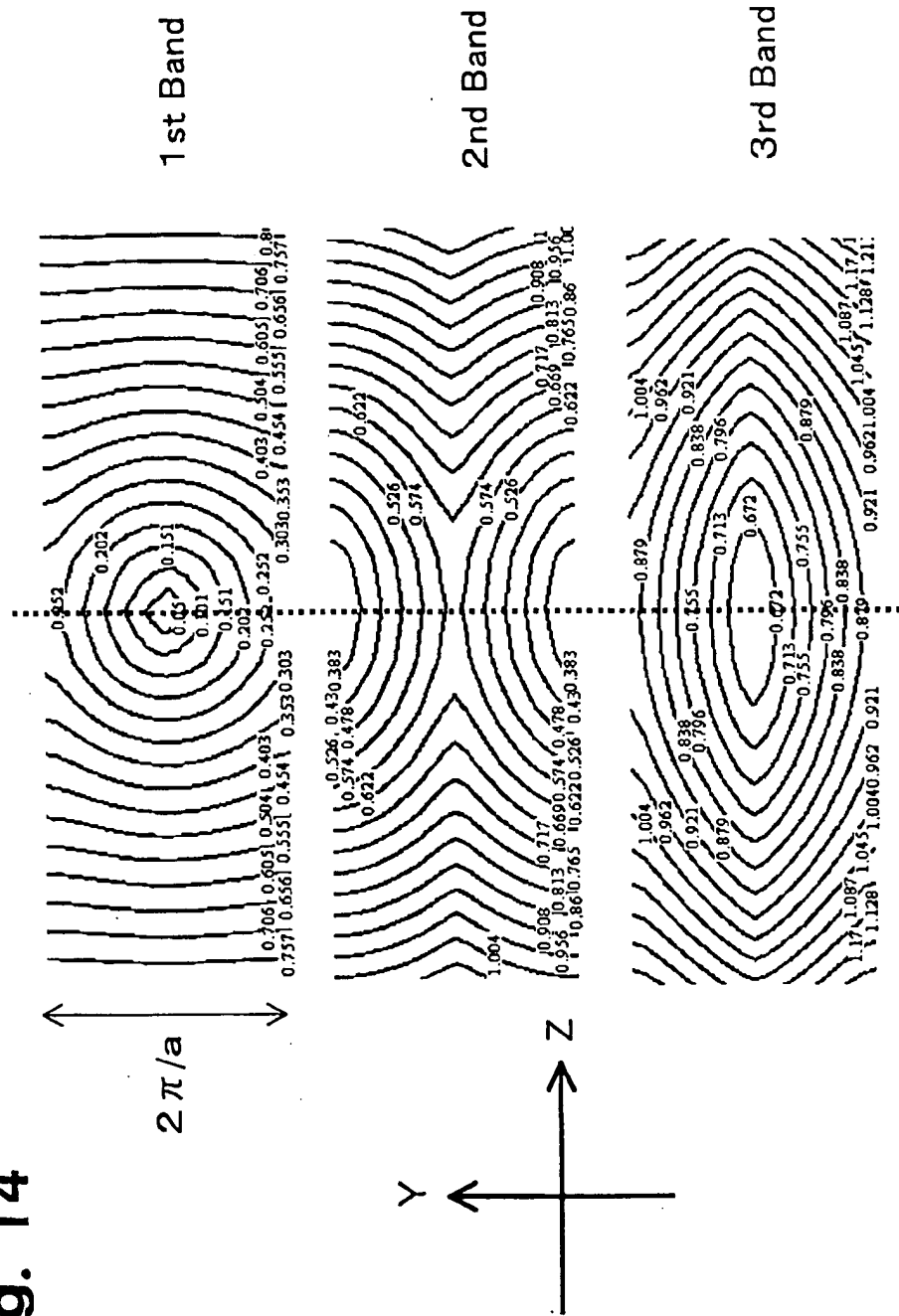


Fig. 15

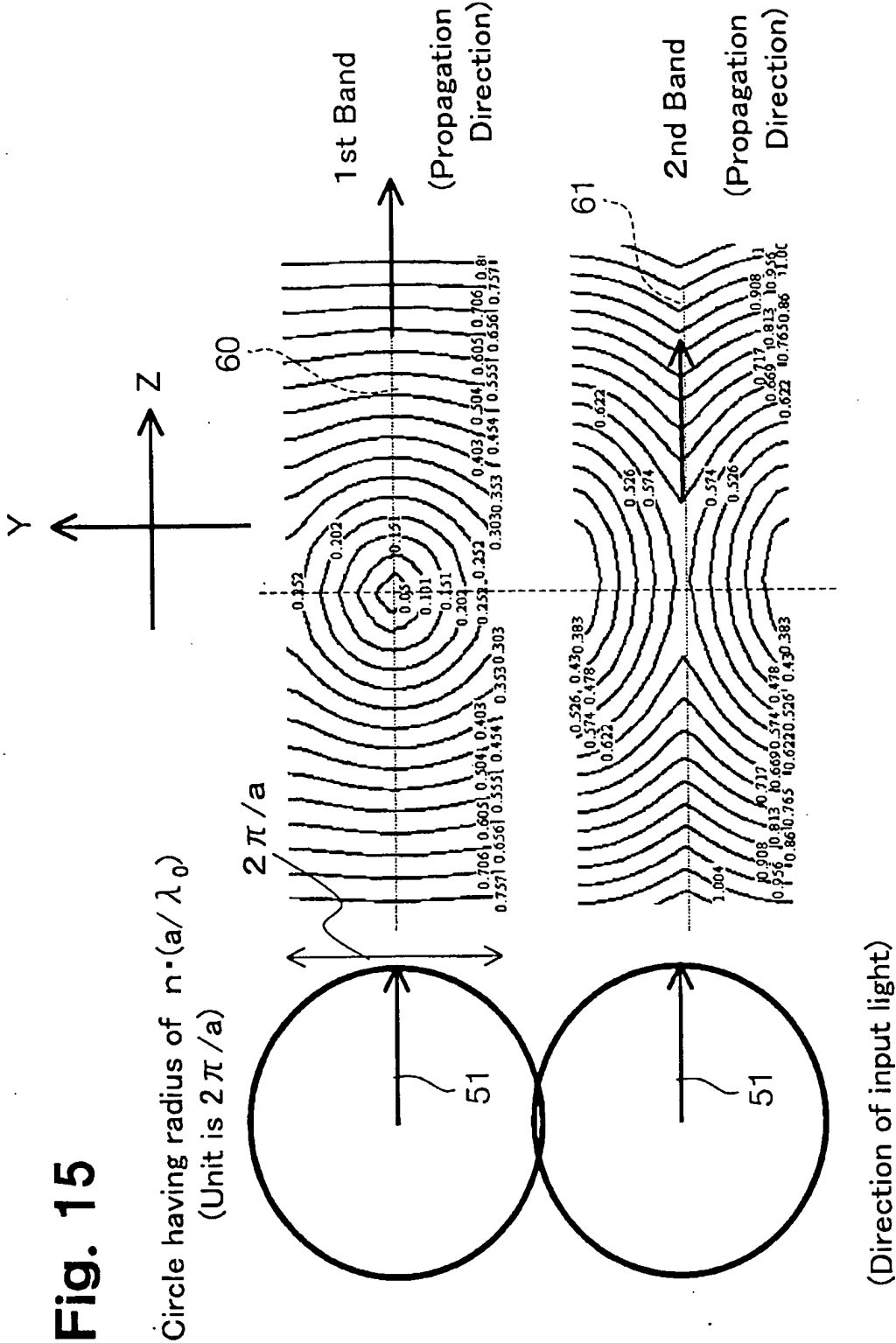


Fig.16

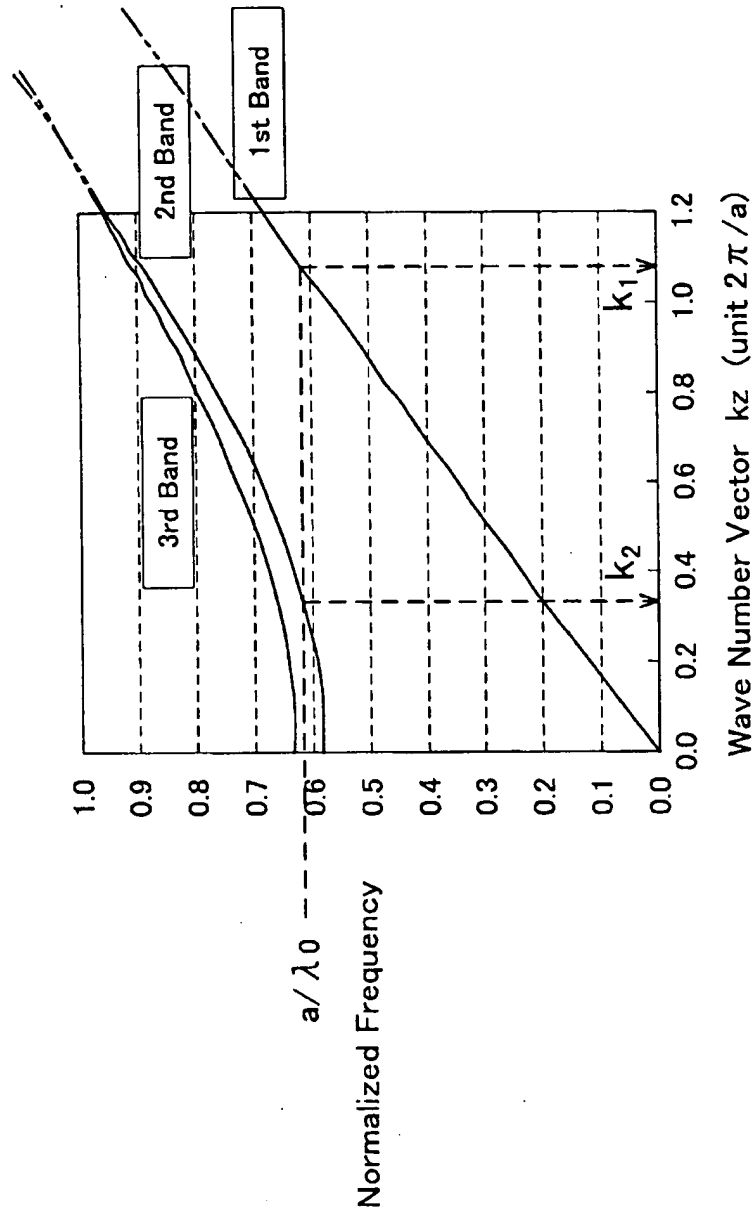
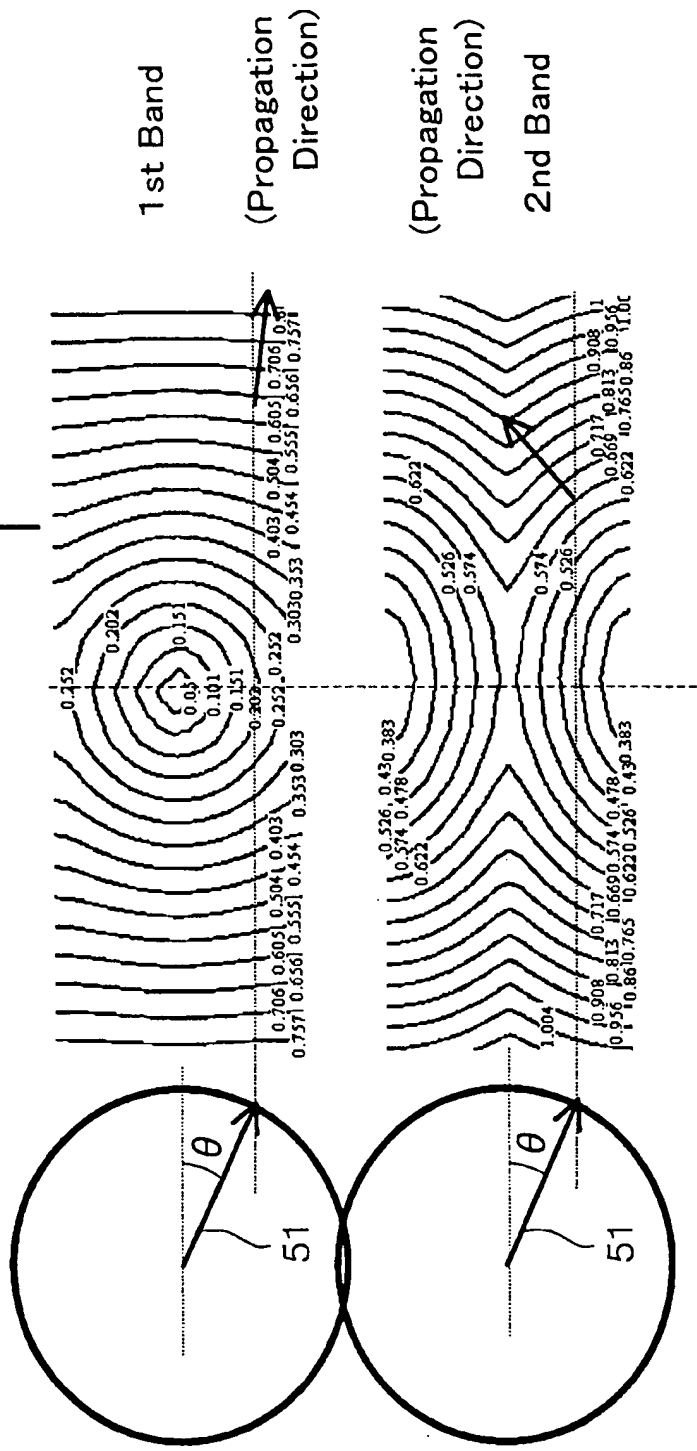


Fig. 17

Circle having radius of $n \cdot (a / \lambda_0)$
 (Unit is $2\pi / a$)



(Direction of input light)

Fig. 18

Circle having radius of $n \cdot (a / \lambda_0)$
 (Unit is $2\pi / a$)

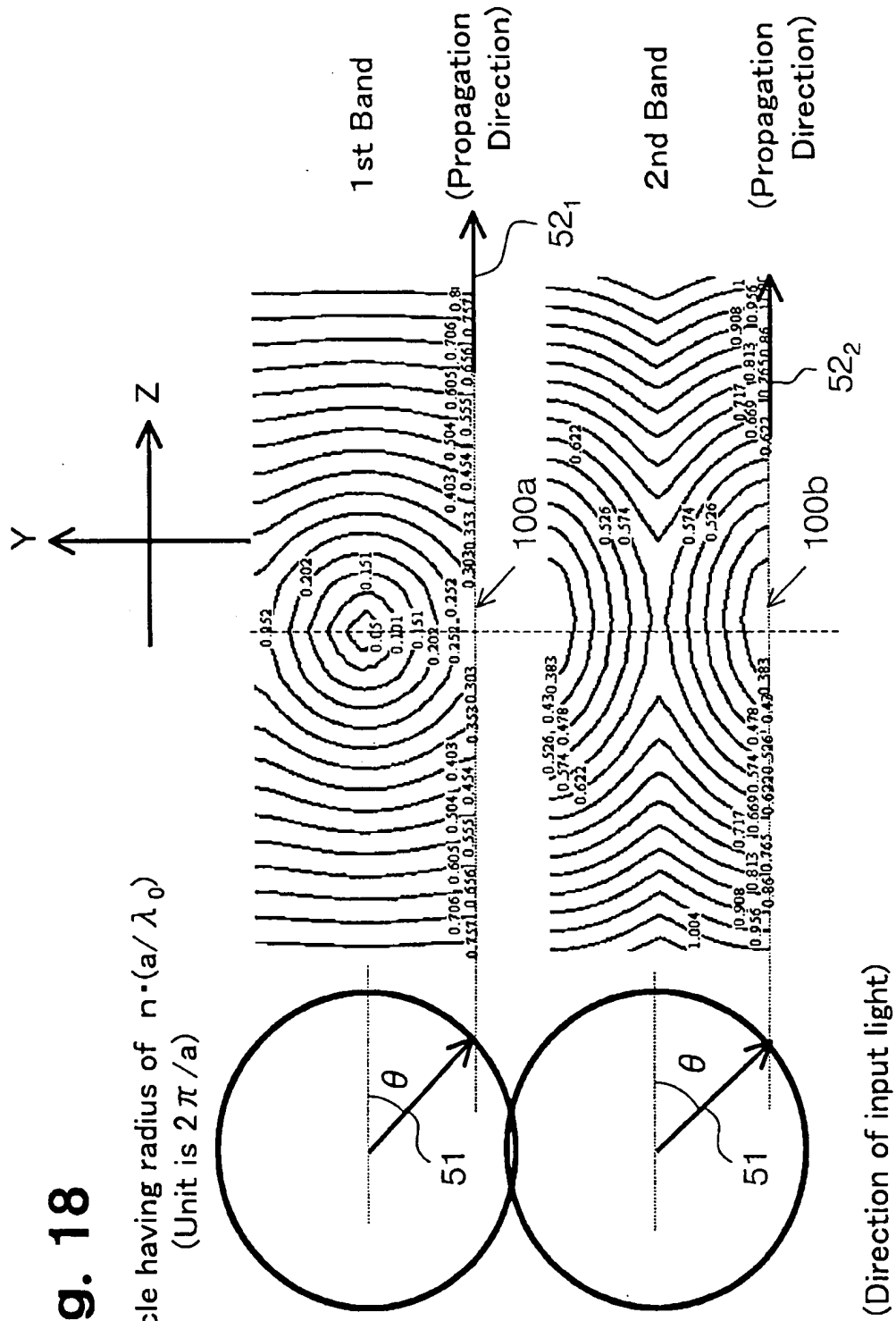


Fig.19

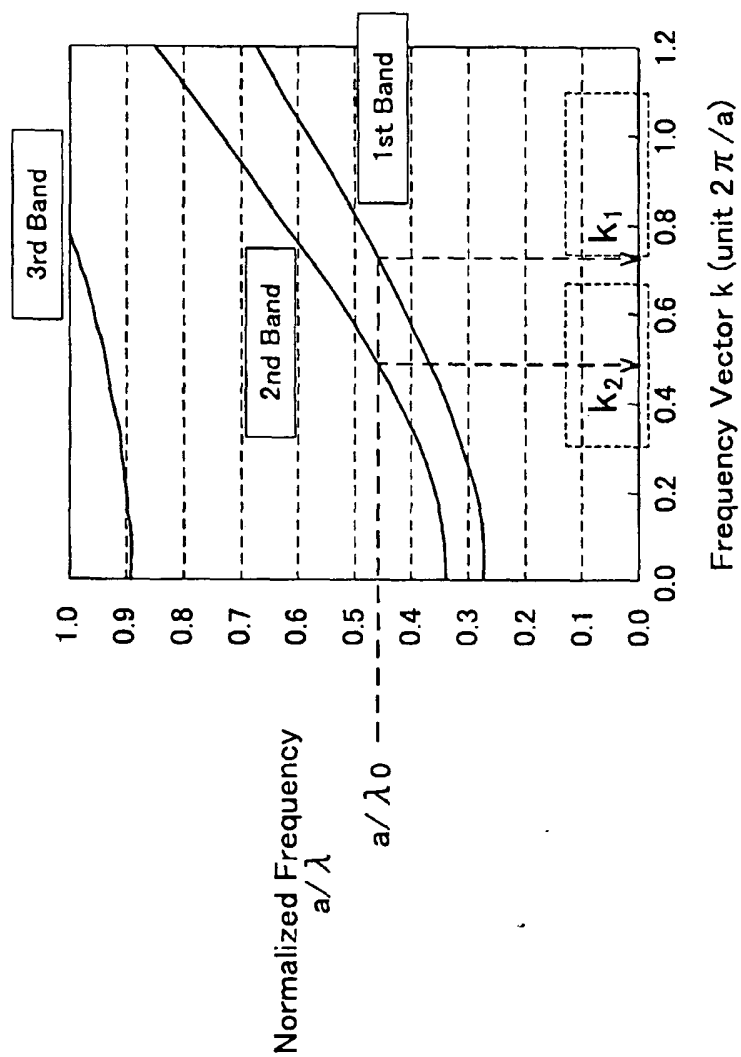


Fig.20

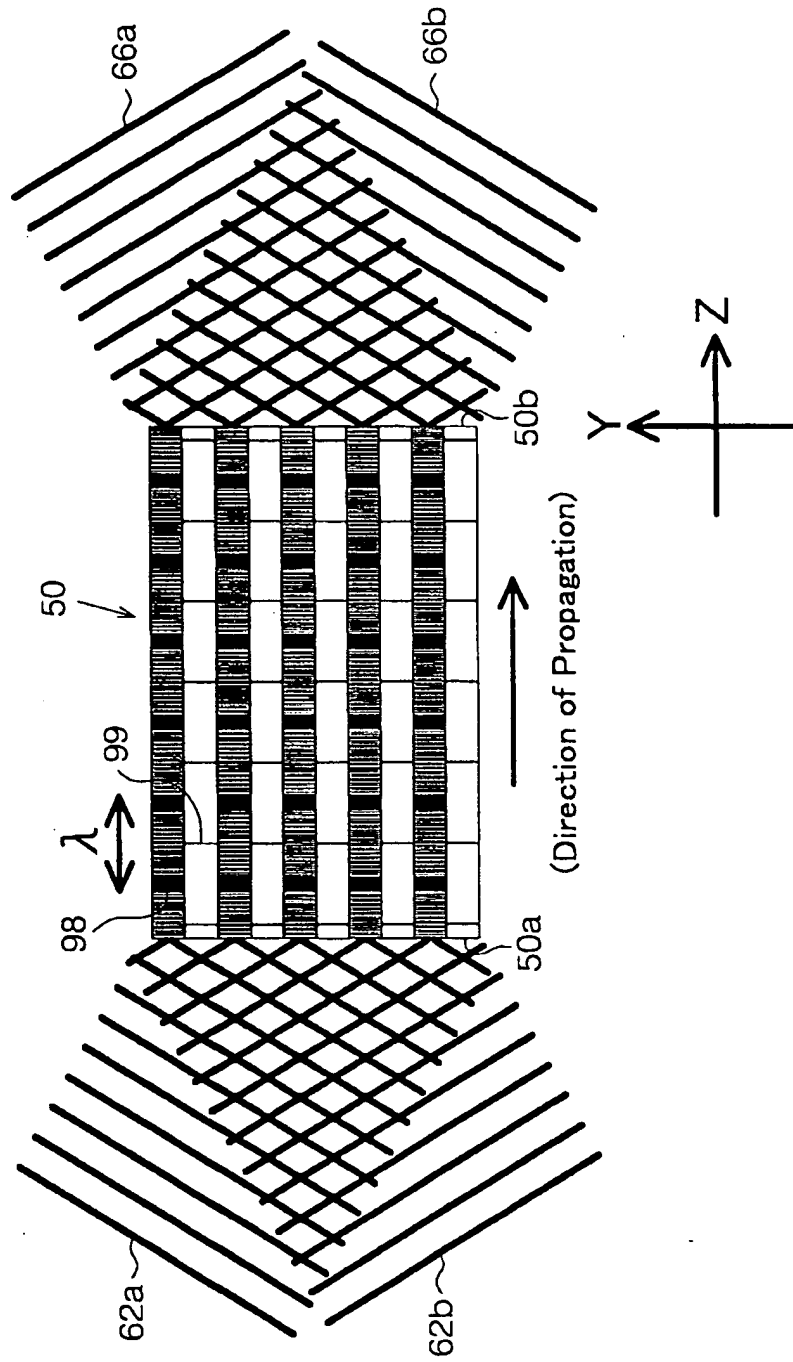


Fig.21

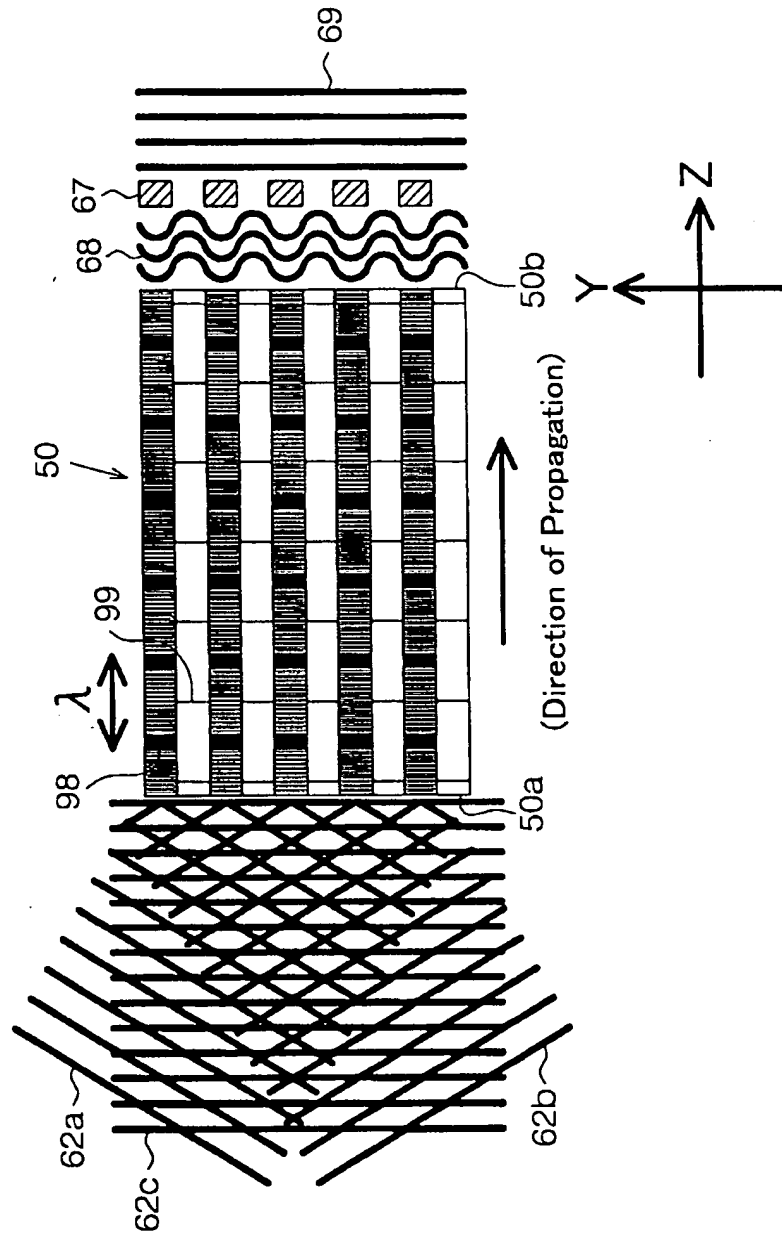


Fig.22

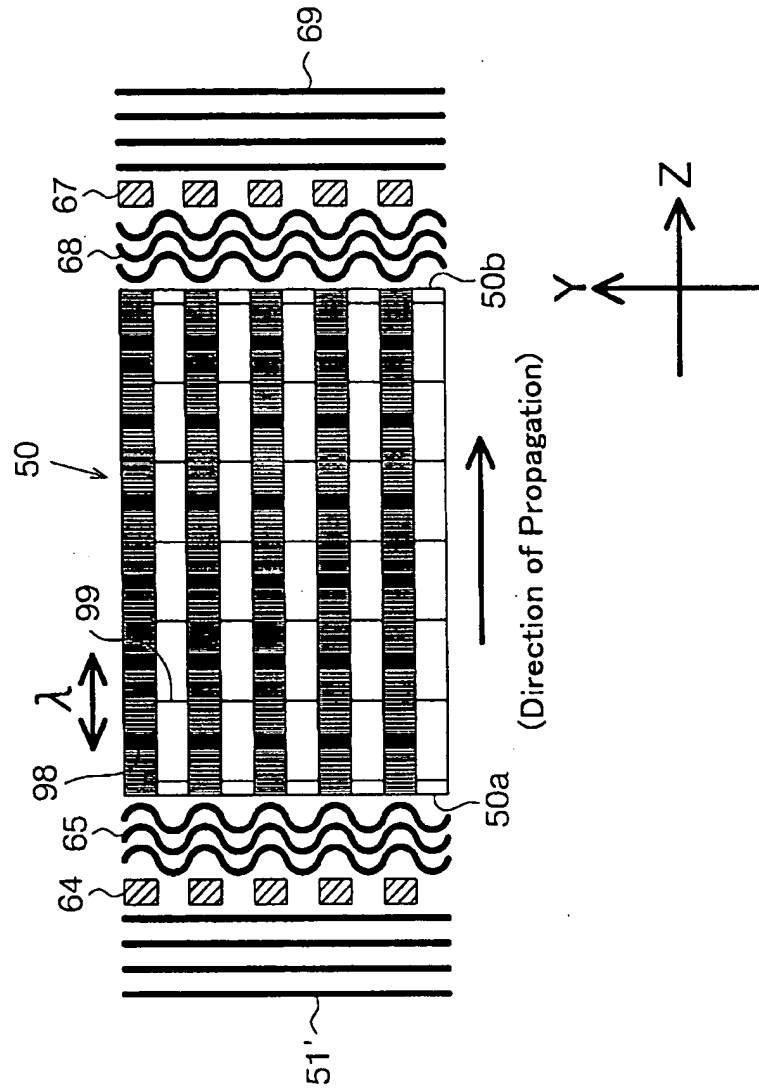


Fig.23

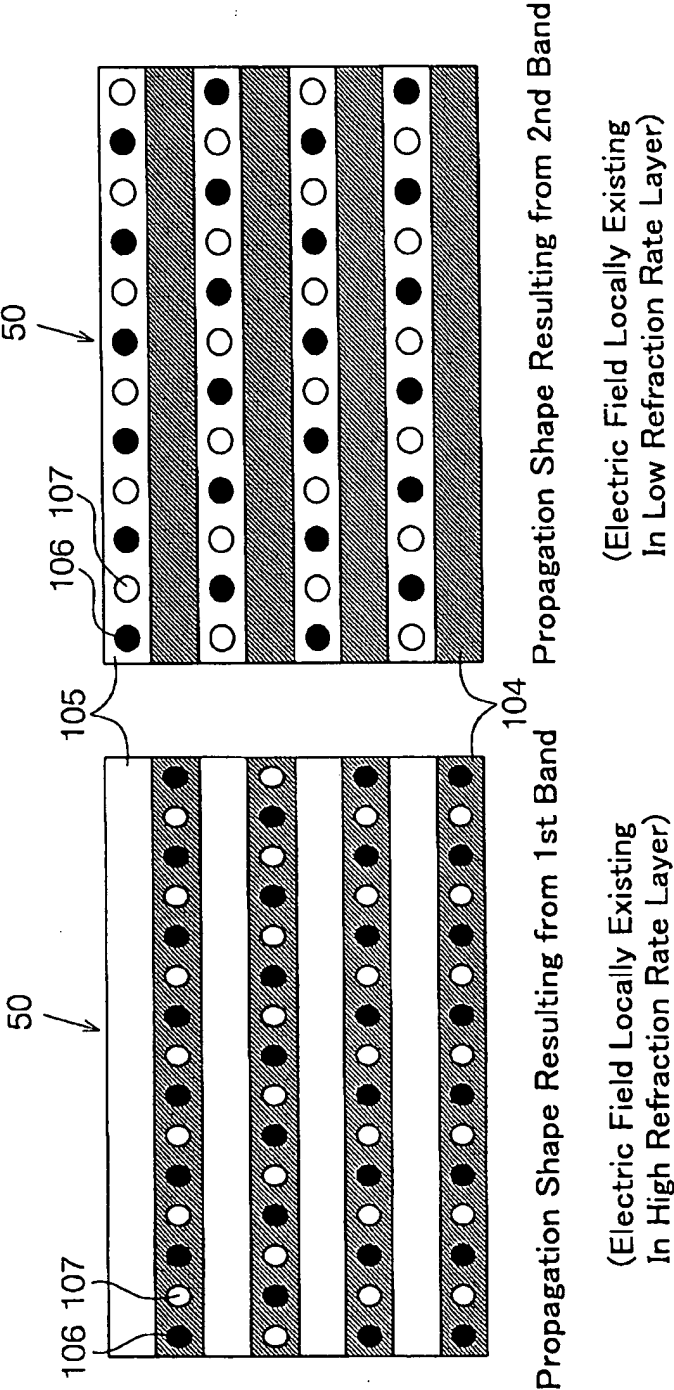
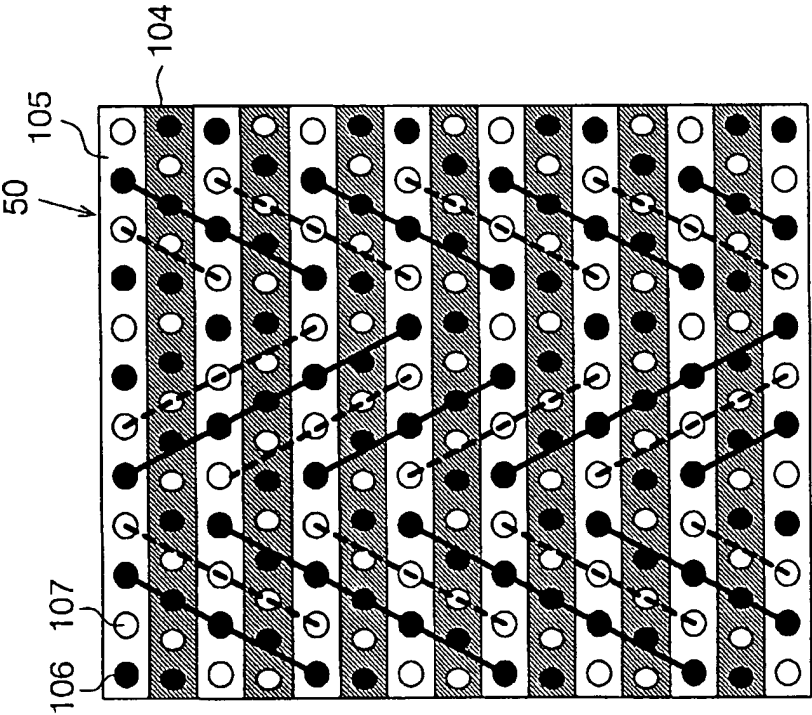


Fig.24



Propagation Shape Resulting from 1st and 2nd Bands

Fig.26

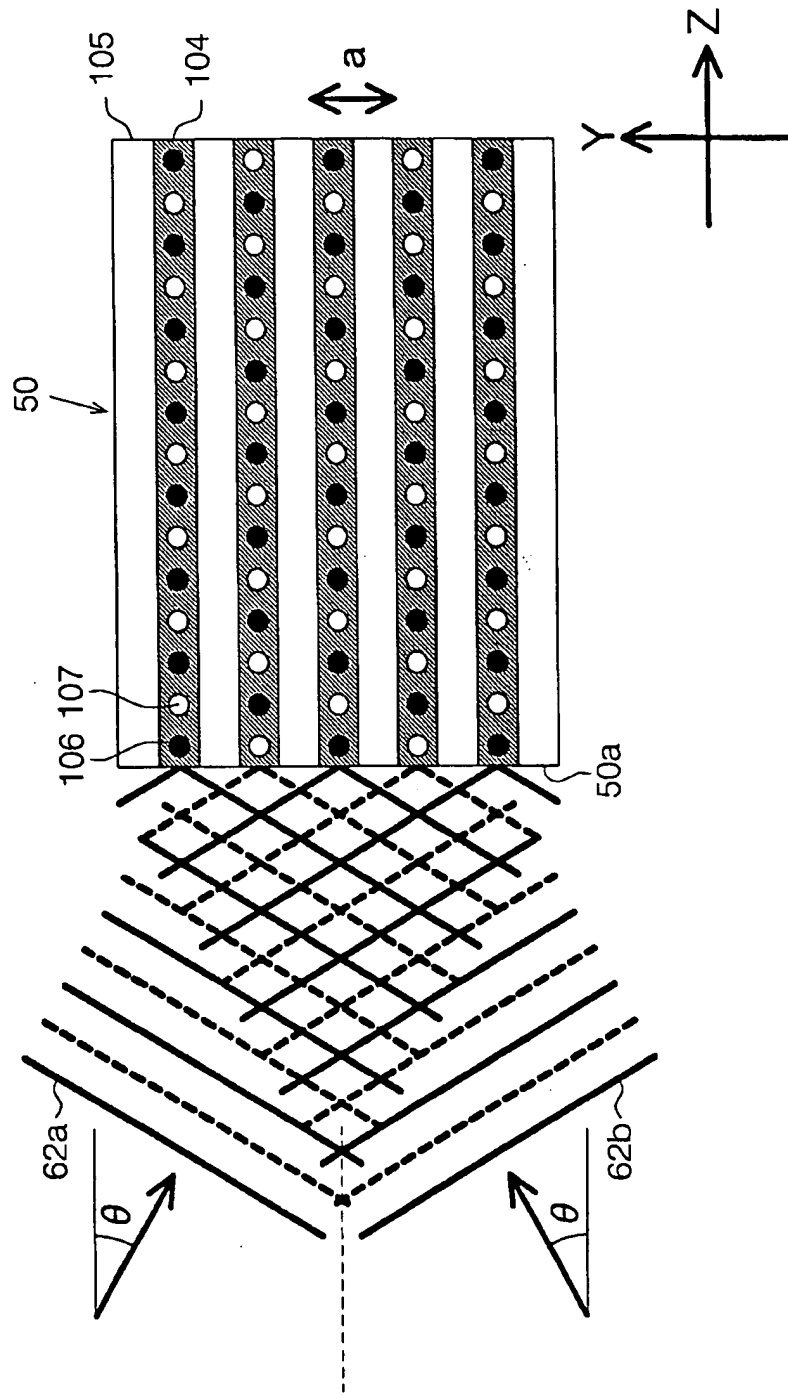
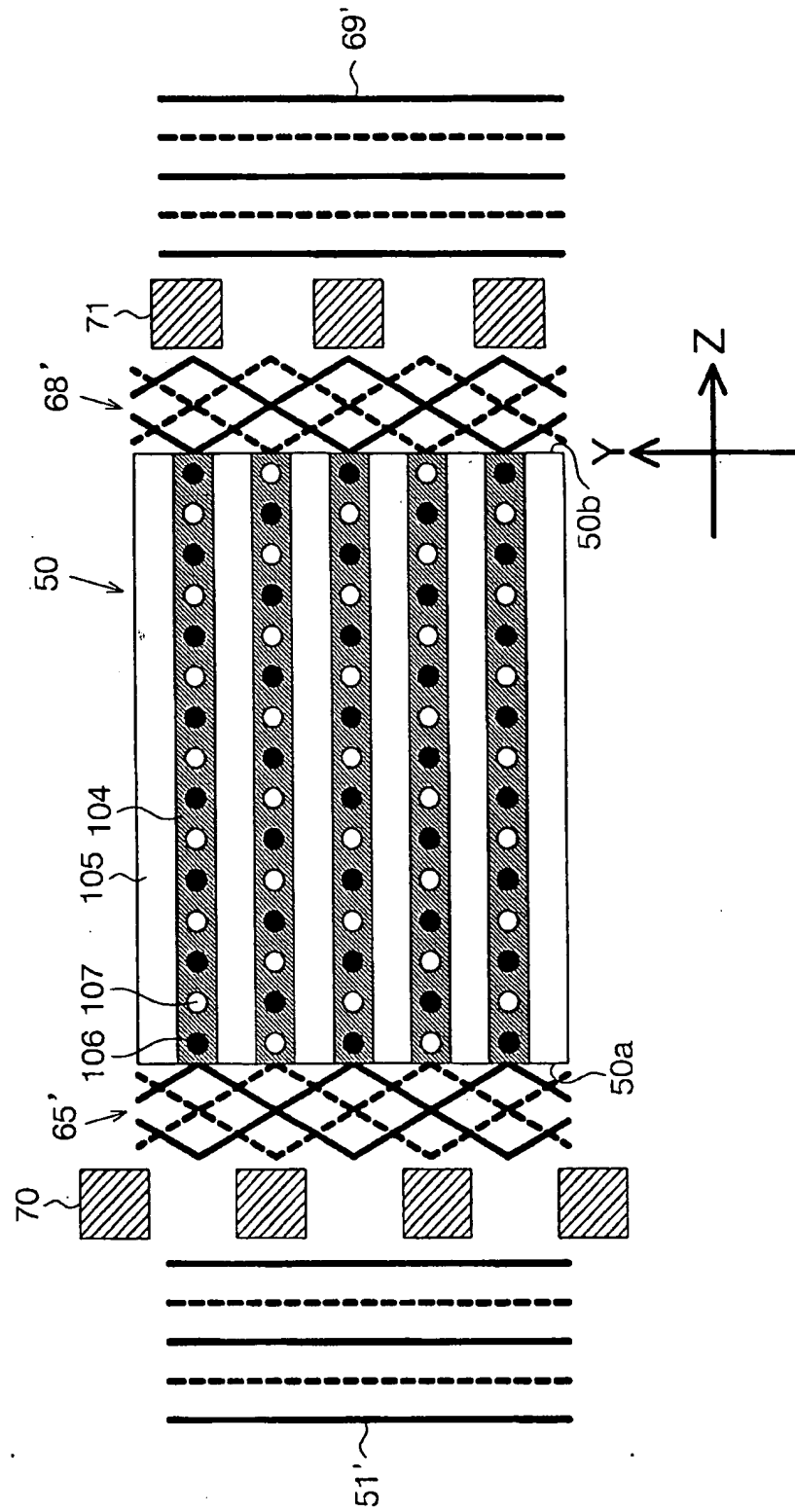


Fig.27



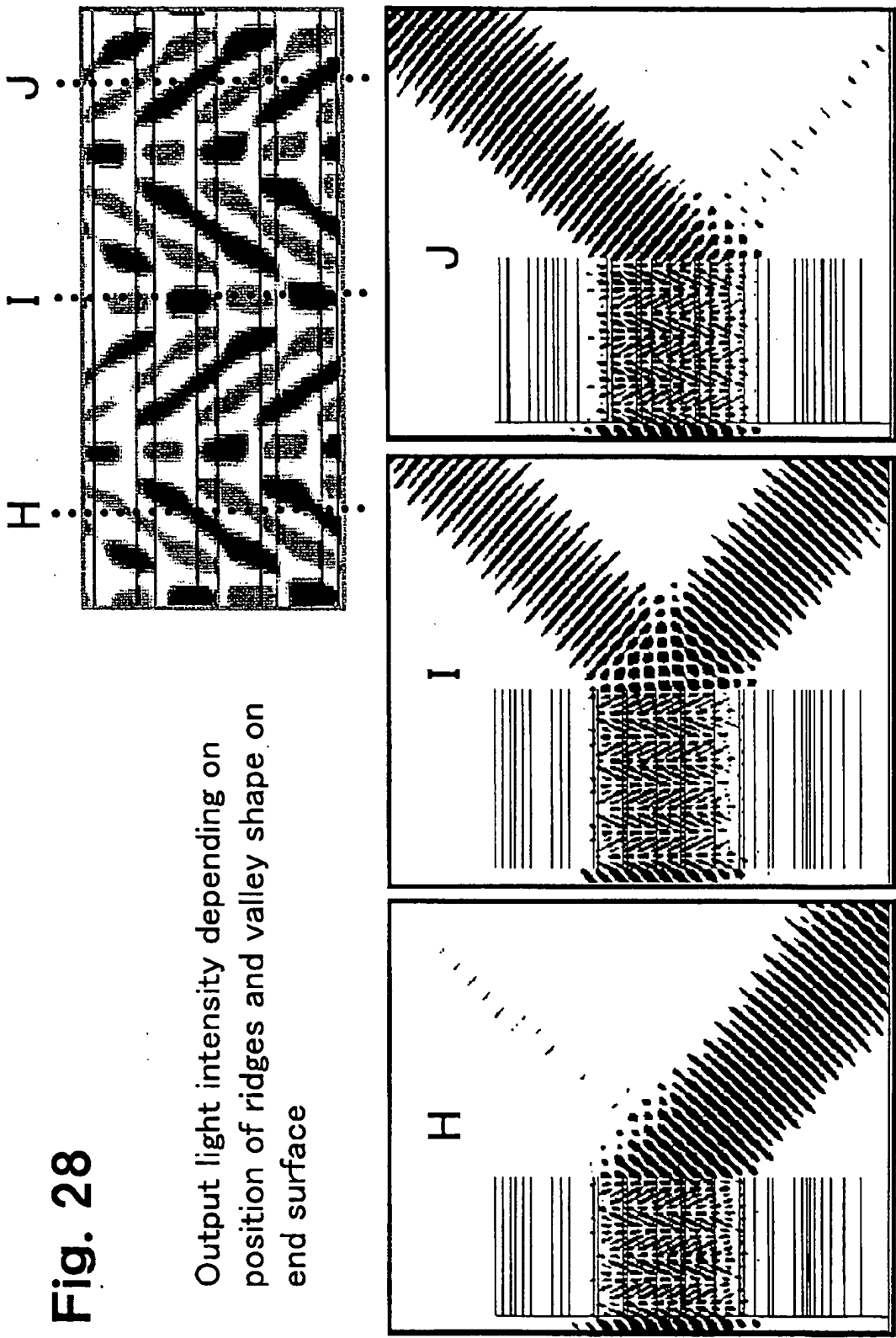
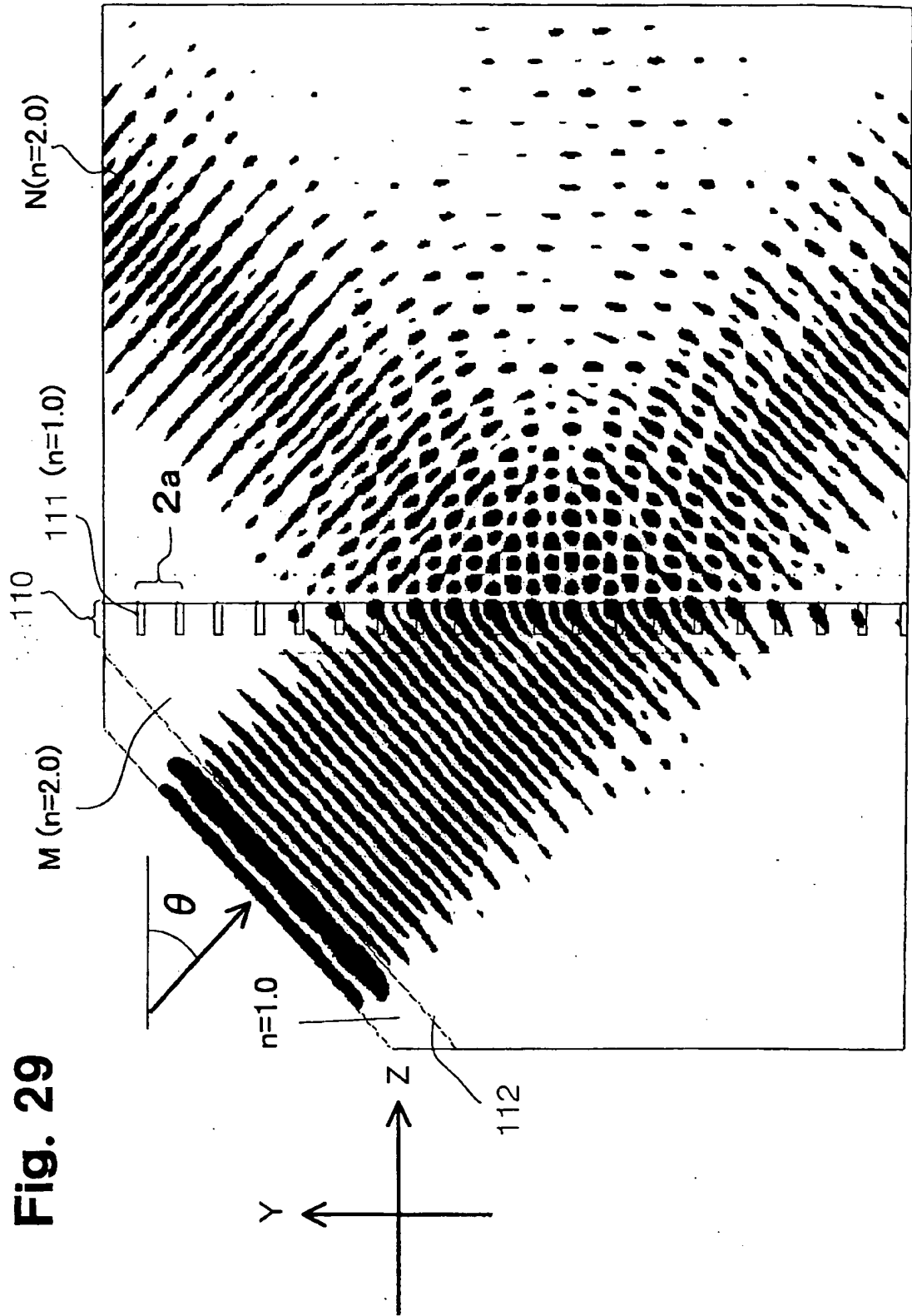


Fig. 28

Output light intensity depending on
position of ridges and valley shape on
end surface



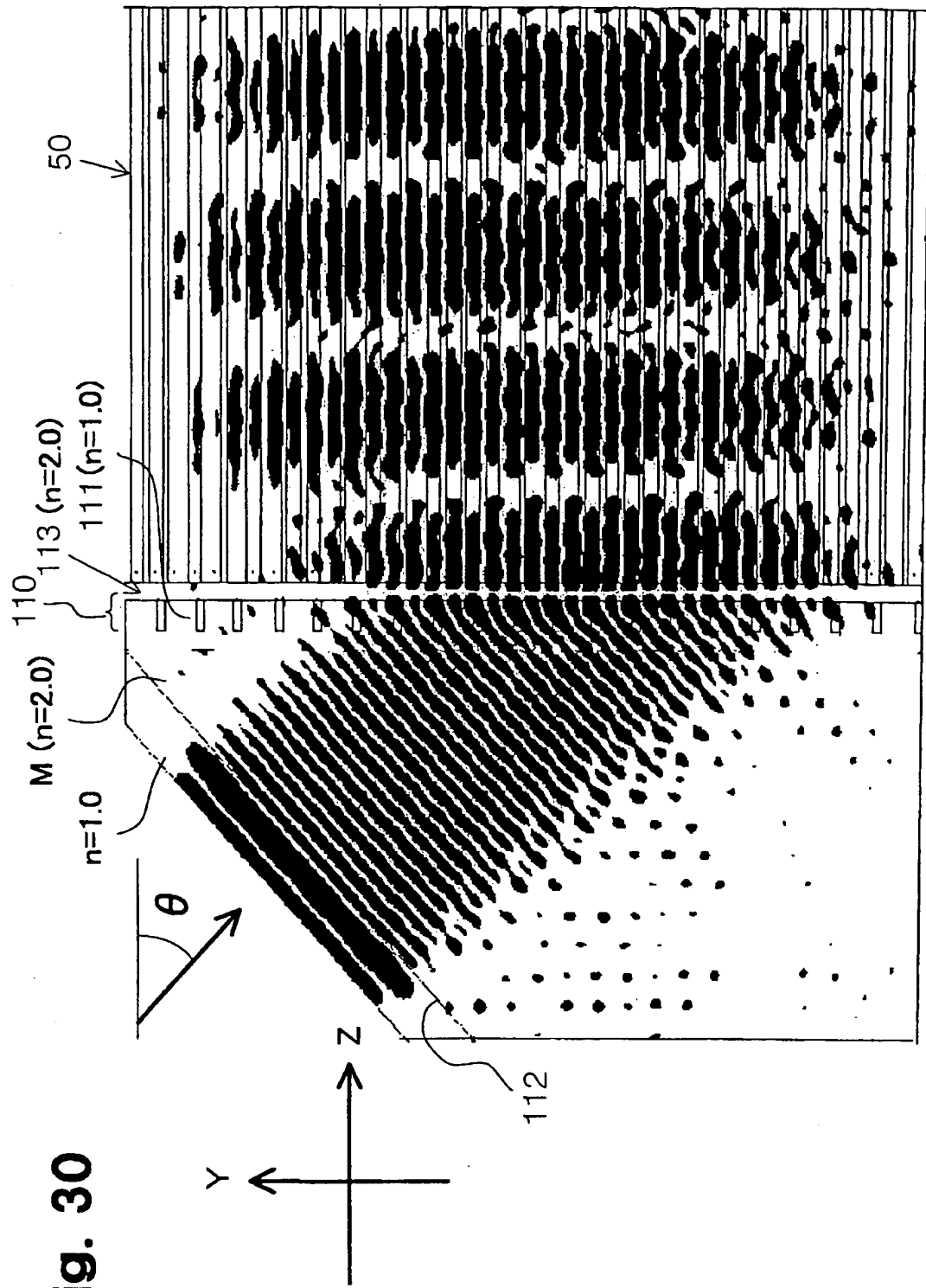


Fig. 30

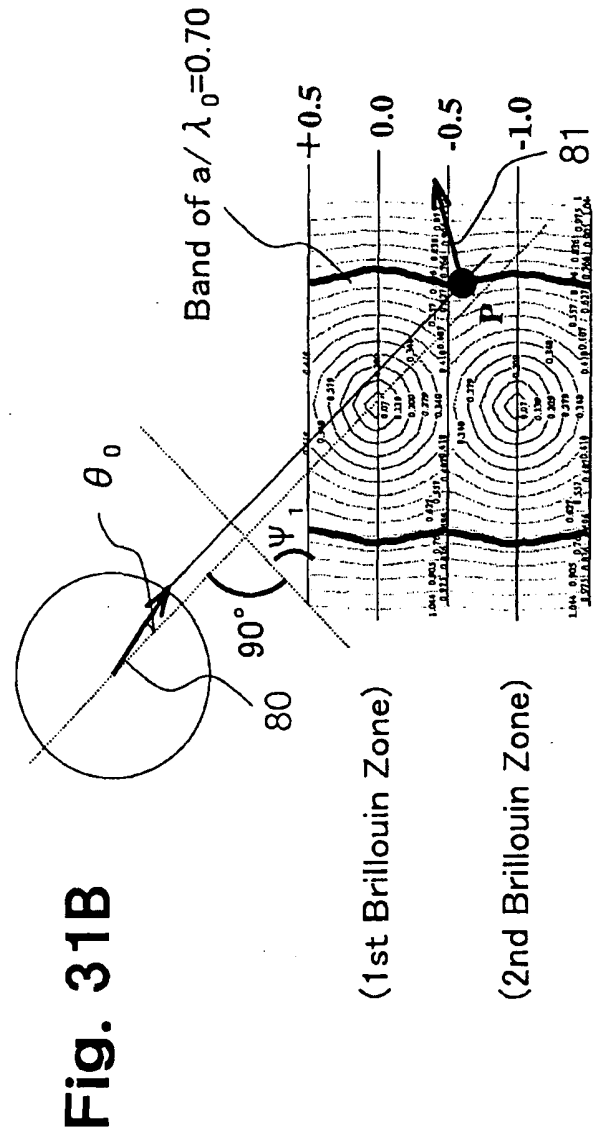
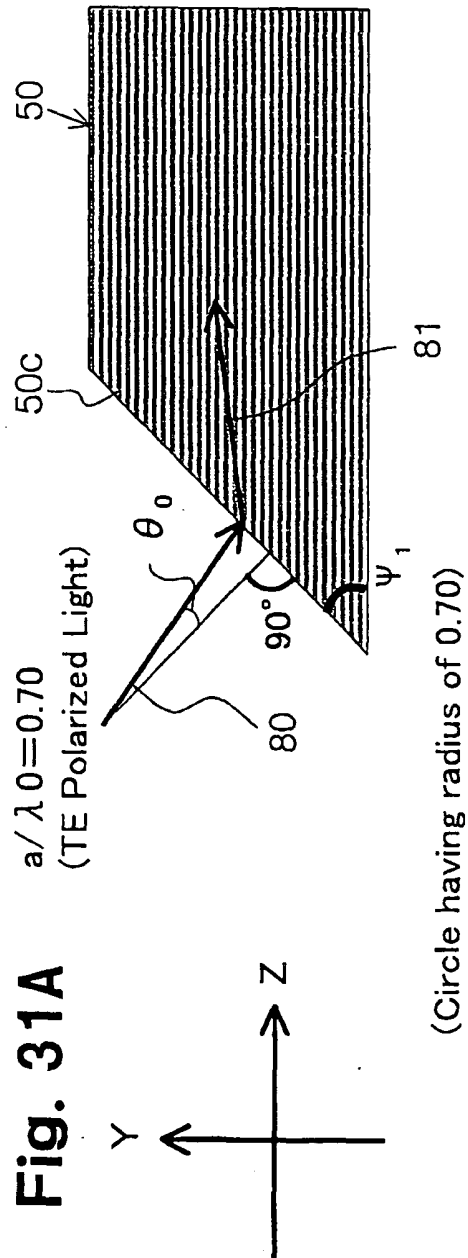


Fig.32

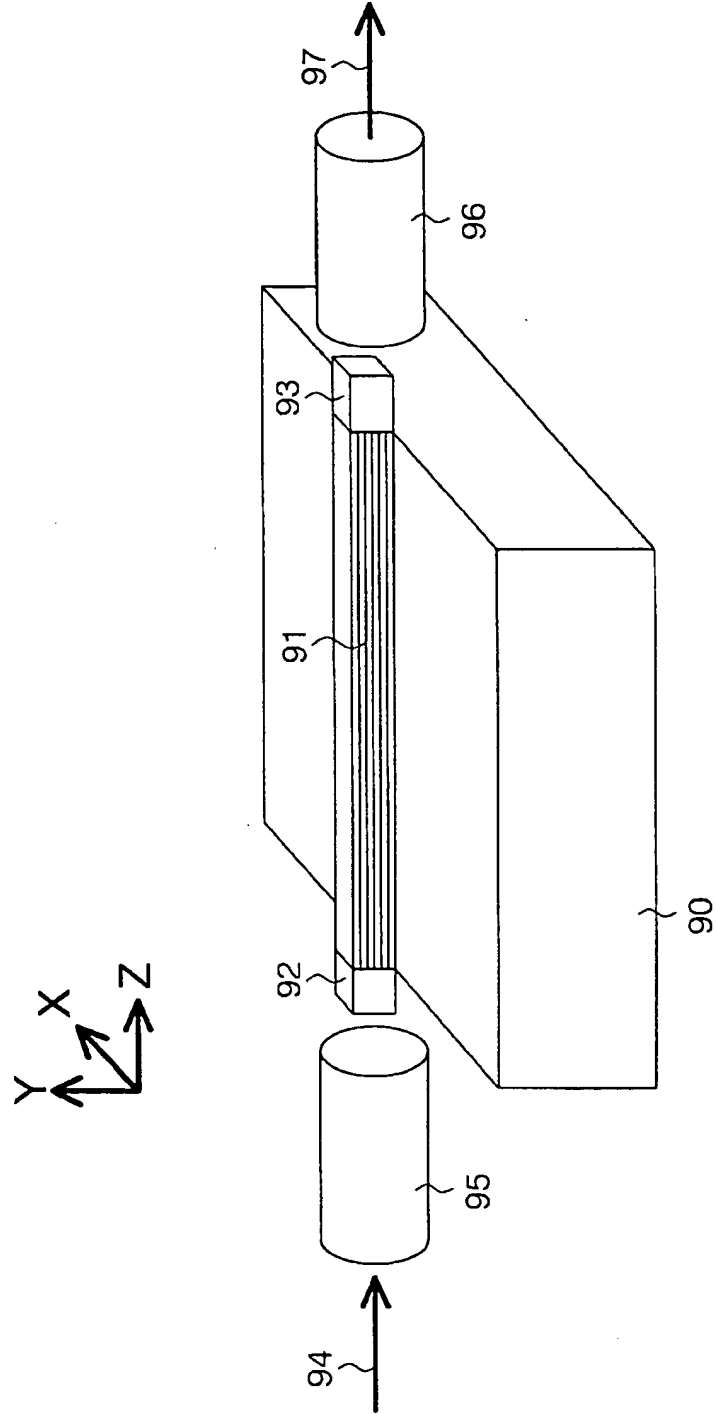


Fig.33

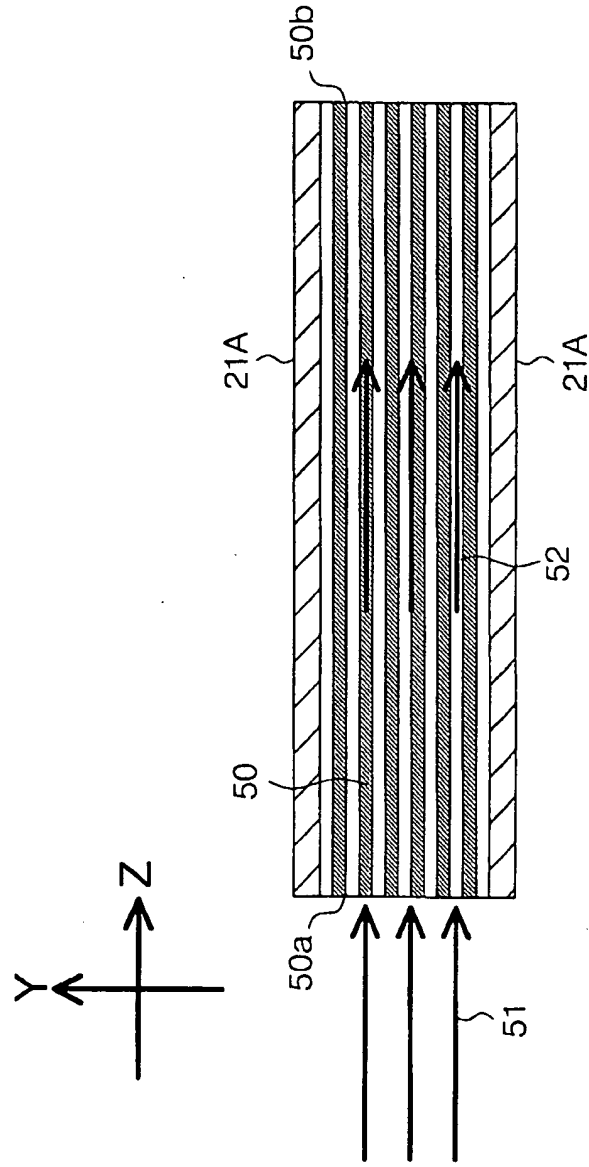


Fig.34

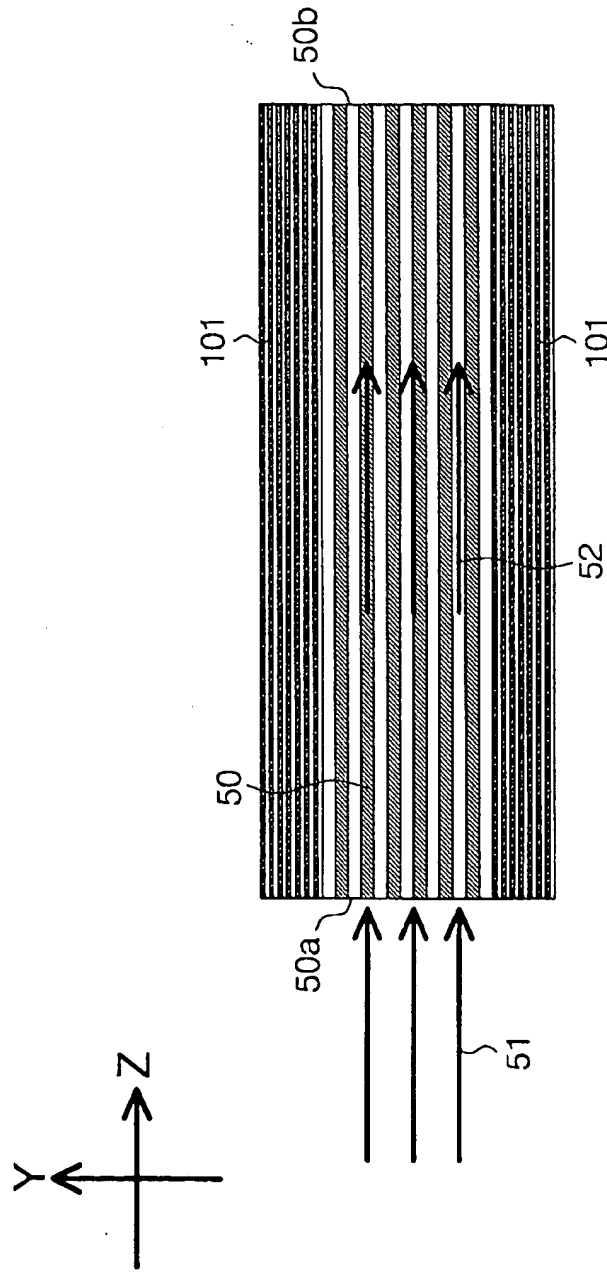


Fig.36

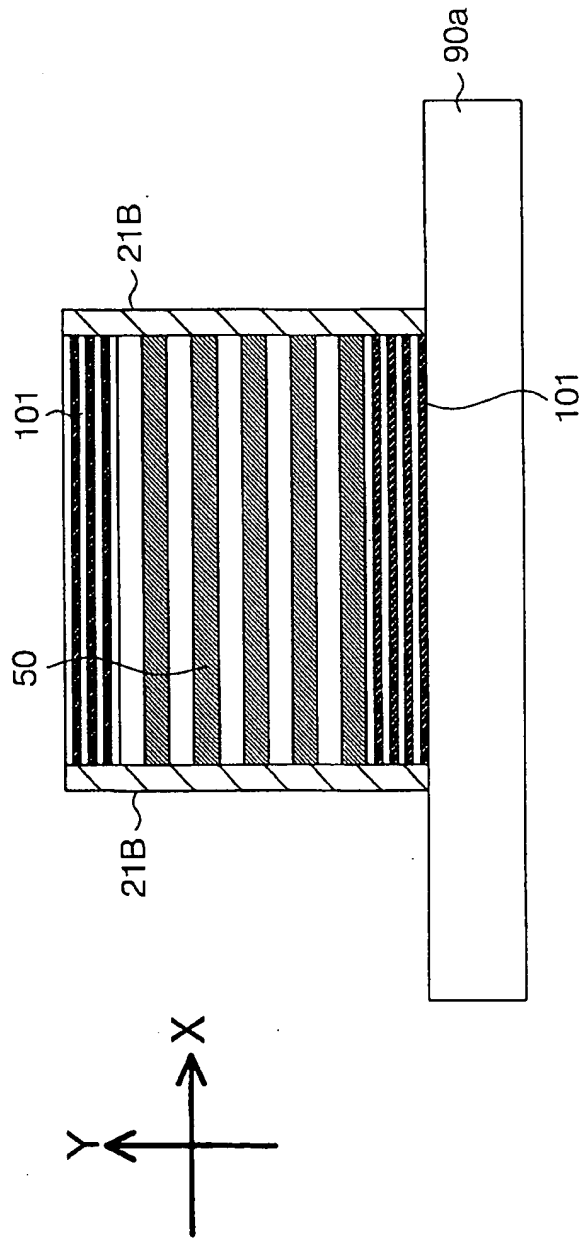


Fig.37

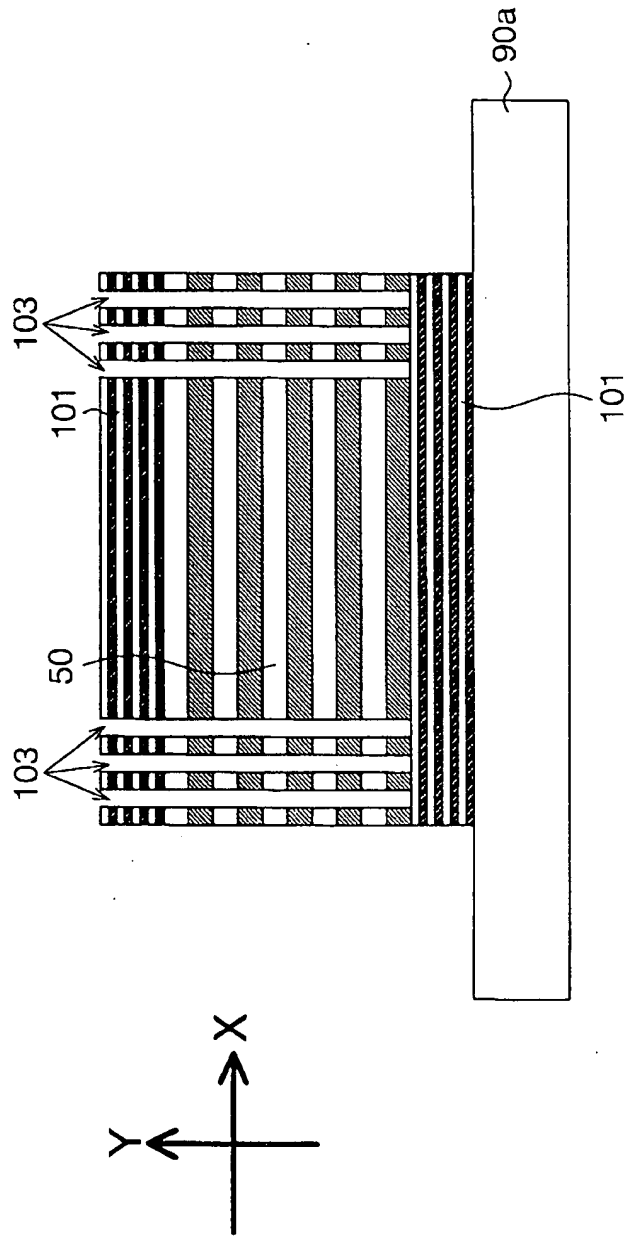


Fig.38

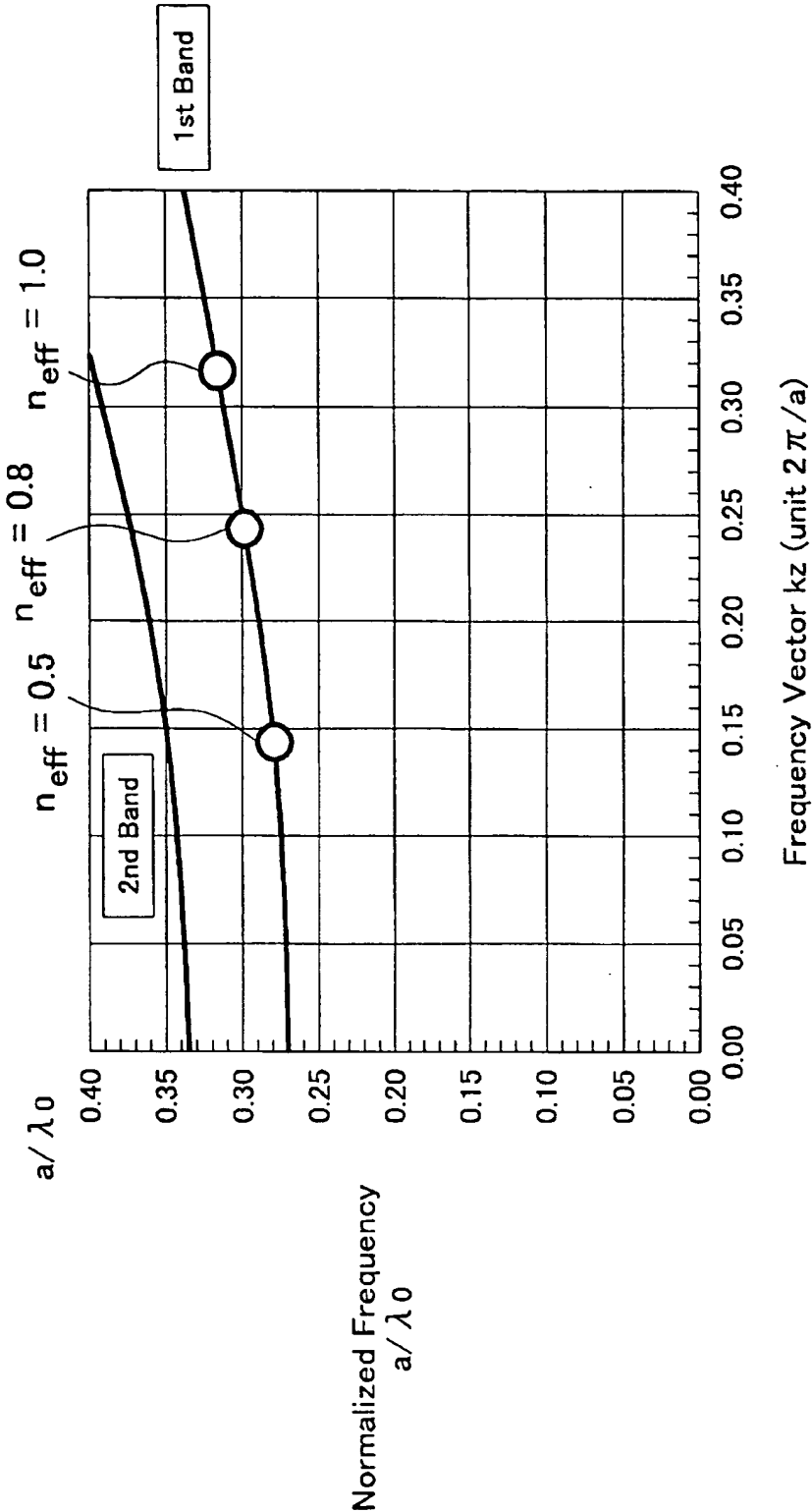


Fig.39

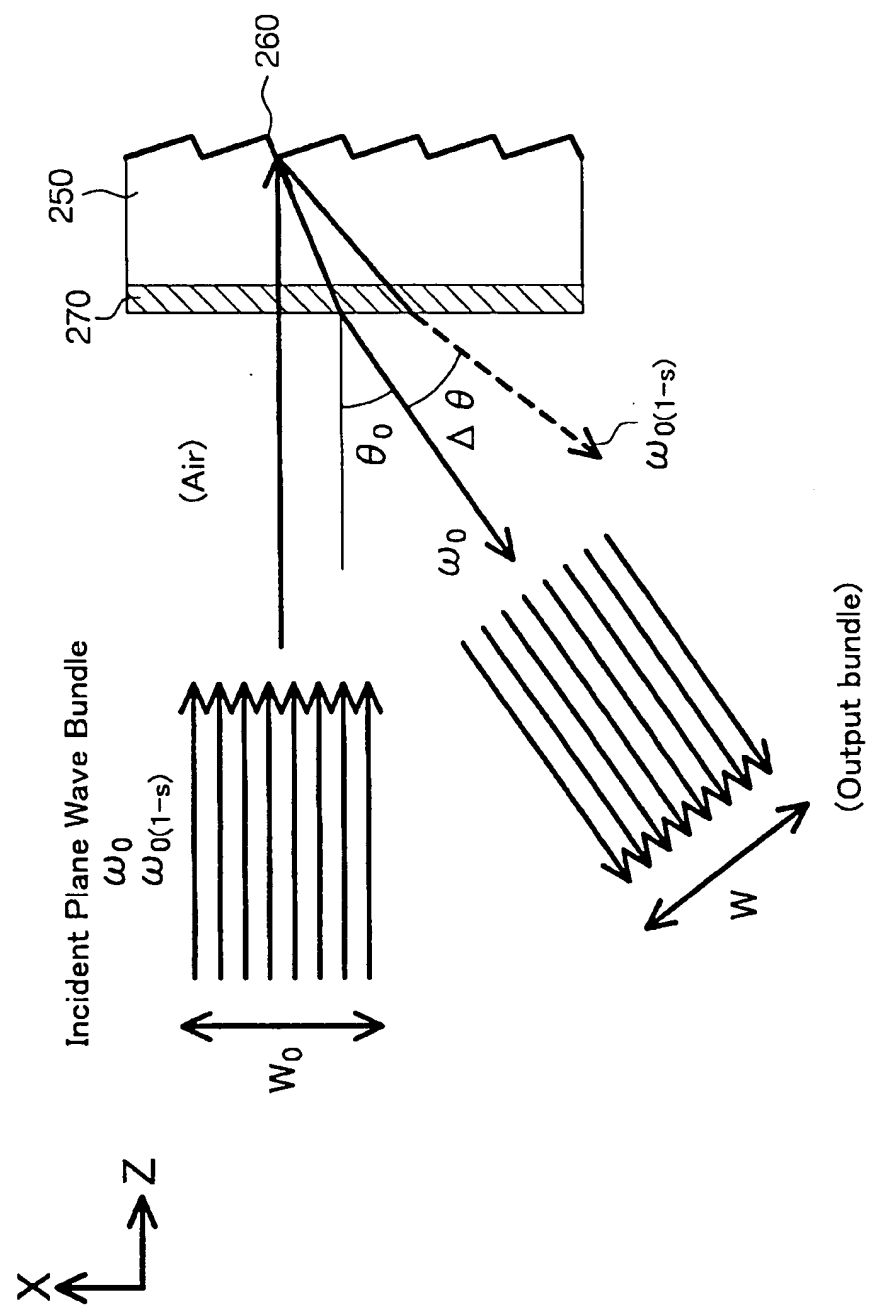


Fig.40

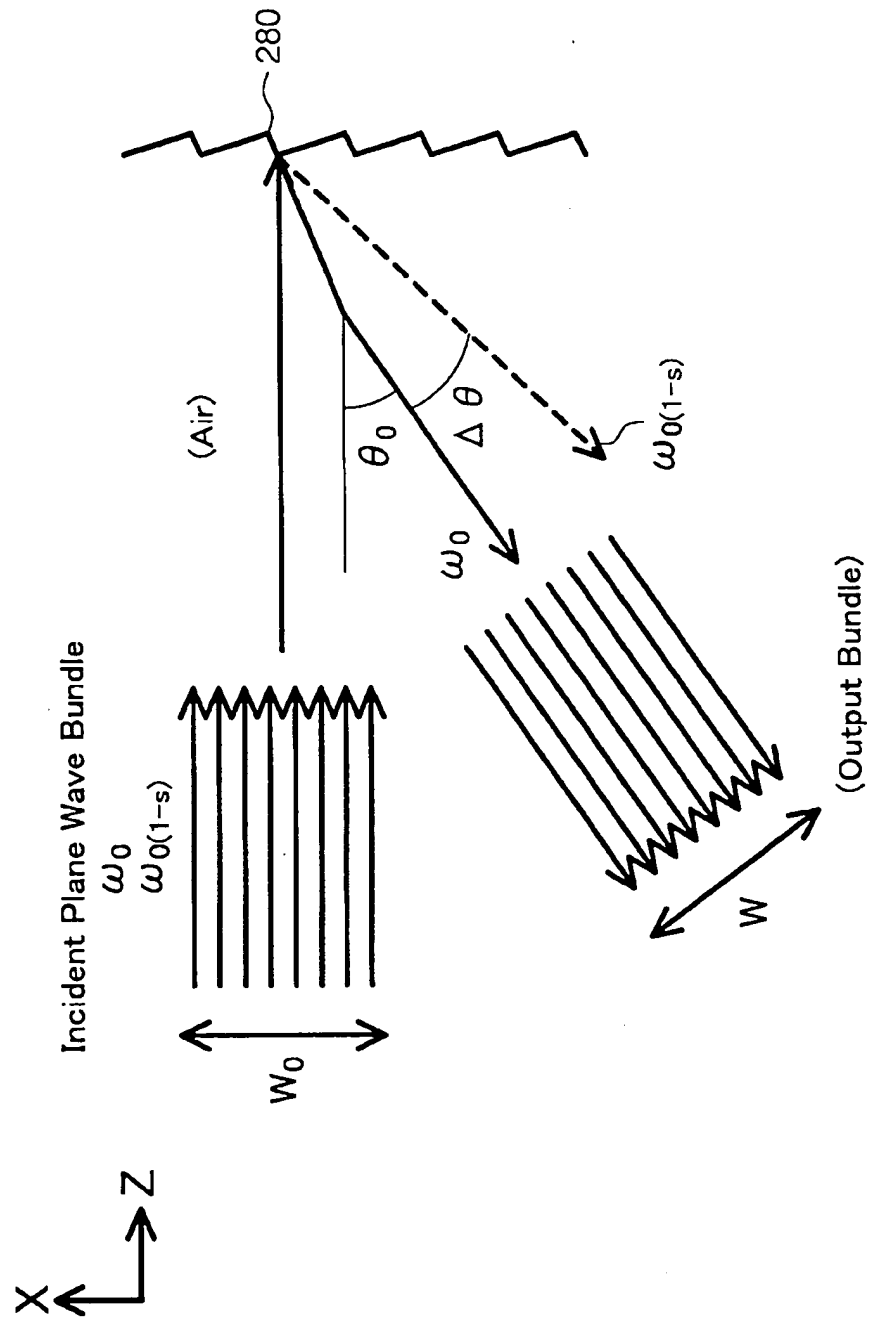


Fig.41

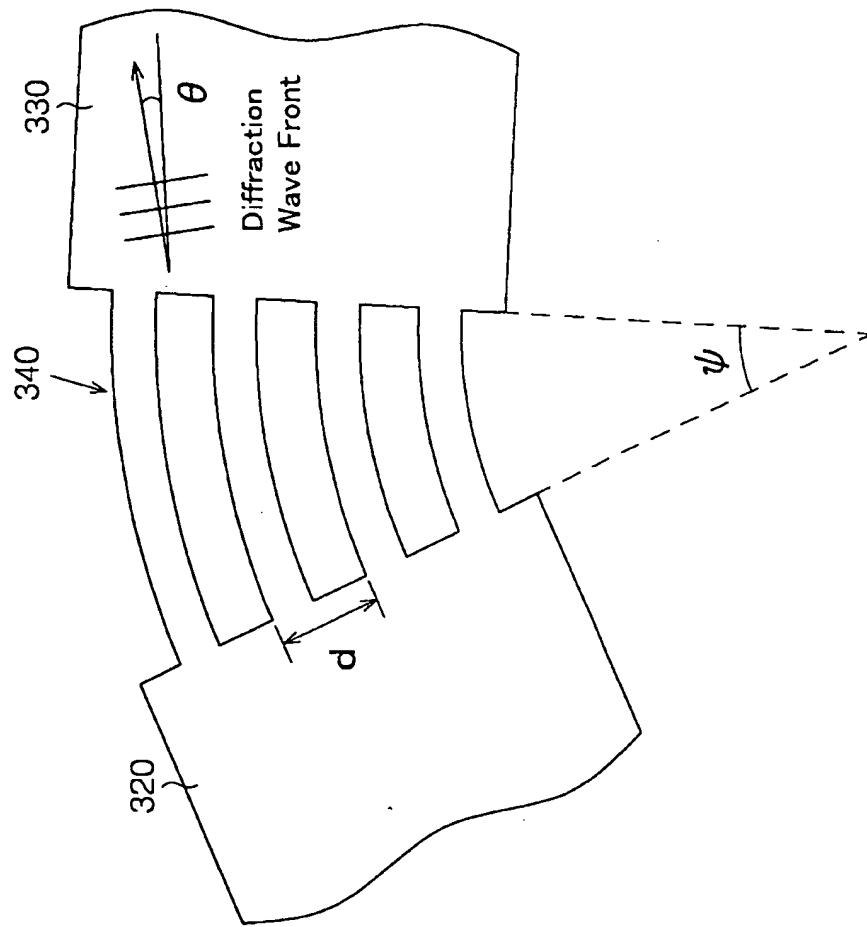


Fig.42A

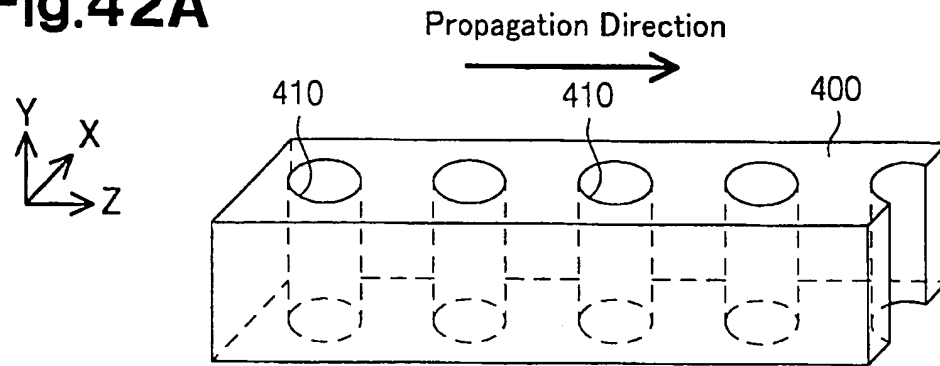


Fig.42B

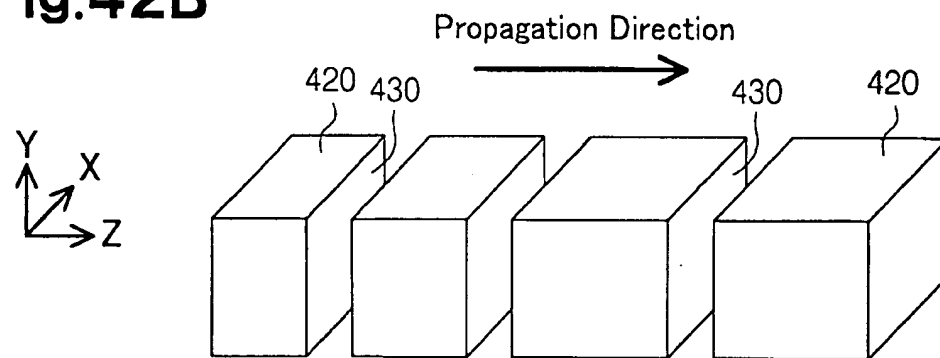


Fig.42C

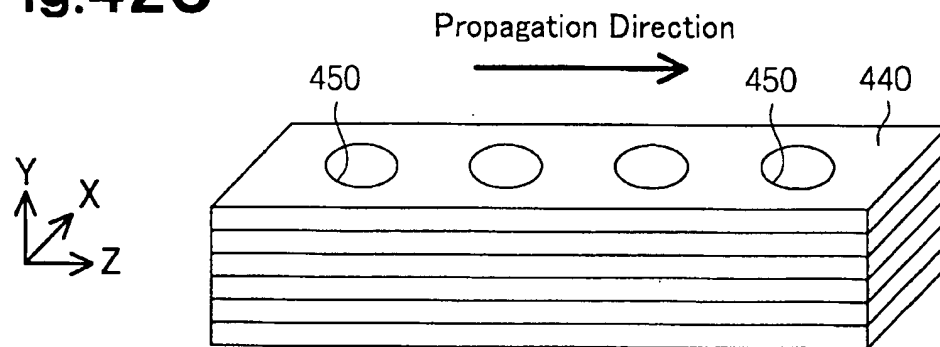


Fig.42D

